Complain	t diagnosis	ePOCT+ DYN TZAlgo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines. Standard Treatment Guidelines and Essential Medicines List for Children and Asolescents 2018 (STGC 2016), or MICI 2014 (TZ MCI 2029), or MIAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpate (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
Universa assessm nt - malnutrit n	Complicated severe acute malnutrition	WFA.score + 3 (2.5m) OR MUAC +11.5cm (6.5m) (9.5m) OR MUAC ten spe 2 score + 3.5m) OR MUAC ten spe 2 score + 3.5m) OR MUAC ten spe 2 score + 3.5m (4.5m) OR MUAC ten spe 2 score + 3.5m (4.5m) OR MUAC ten special		Yes - urgent	Pre-referral: N Ampicilin 200mg/Kgiday divided in 4 doses for 1 days [50mg/kgidose four N Ampicilin 200mg/kgiday divided in 1 dose for 1 days [70mg/kgidose daily x 1 did 1 d		Refer urgently for impatient management. Keep the child warm Prevent low blood sugar	Adapted	Anthropometric measurements: MUAC and WFH in line with IMCI. Weight for age 2-ecore (WAC) added in line with IMCI Tearzania but restricted to children 2-dim since IMLAC is not measured in children under 6 children und 6 children under 6 children en 6 children under 6 children u	Adapted	IMCI 2014; IMCI TZ 2020; STGC 2018 p. 81	Clinical signs: found to be rare and inaccurate, missing approximately half or more of children with scene mainutrition (Hamer, Kvatum, Jeffries, & Allen, 2004; Mogeni et al., 2011, Tan et al. 2020).
	Uncomplicated Severe acute malnutrition	WFA zecore <3 (2-5m) CR MUAC <11.5cm (8 - 5m) CR MUAC to age zecore <3 (5-14) CR WFH <3 zecore (3 (5-14) CR NO consistent SAM Contract	Complicated SAM		P.O. Amountains Stimp/Kiglday divided in 2 doses for 5 days [25mg/Kigldose two noises a day x 56] and the standard of the stan	7days if no nutrition prog	Feeding counselling (by age) Tuberculosis assessment / investigations available in this health facility/ (Refer for specialized outpatient investigations: TB assessment) & (Tuberculosis assessment at health facility) Refer to nearest nutrition/mainutrition program for mainutrition/management.	Adapted	As above	Adapted	IMCI 2014	
	Very low weight for age	WFA z-score < -3 (age 6 - 59m)	Complicated / uncomplicated SAM	Yes - to nutrition programme	If fever: PO Amosicillin 50mg/Kgiday divided in 2 doses for 5 days [25mg/Kgidose two limes a day x.5] (If Amor not available) PO Co-timoxazole 8mg TMP/kgiday divided into 2 doses for 5 days (dosage based on TMP) (4mg/kgidose two limes a day x.5d)		Feeding counselling (by age) Refer to nearest nutrition/malnutrition program for malnutrition management	Adapted	Very low weight for age (WFA) is included as a diagnosis to reflect children with WAZ < 3 but MIAC 2115.cm (hose age 6 - 50 months with <115.cm = SAM). This aligns with MCI Transaria, and Transaria Standard Treatment Guideline case definition. While this population has a lower 6 month mortality than children with MIAC <115.cm, they self treetire nutritional support (MiAM). Myatt, Khara, Dolan, Garenne, & Briend, 2019), and benefit from antibiotics if febrile (petkley et al., 2005; Sacheber et al. 2016; Tan et al. 2020).	Adapted	IMCI 2014, IMCI TZ 2020	
	Moderate malnutrition	WFA z-score -2 to -3 (2-56m) OR MUAC 11.5- 12.5cm (6-56m) OR MUAC for age z-score -2 to - 3 (5-14y) OR WFH z-score -2 to -3	Complicated / uncomplicated SAM	No		30/7 If feeding problem 7/7	Feeding counselling (by age) Assess the child's feeding No inpatient referral needed: Return to clinic in 30 days for follow up (Refer for specialized outpatient investigations: TB assessment) or (Tuberculosis assessment at health facility)	Adapted	Anthropometric measurements - as above	Adapted	IMGI 2014, IMCI TZ 2020	
Universa assessm nt - anaemie	I Severe anomia	He -dgid. OR Severe (palmar OR conjunctival) pallor AND NO Hb Any pallor, Fewer (only criteria for children -dy), Jaurdice, SAM, MAV Very low VFA, Danger sign, Respiratory distress, deminesa >= 14 days, discretion (i.e. properties) distress, deminesa >= 14 days, discretion (i.e. properties) distress, deminesa >= 14 days, algorithm)		Yes - urgent			Refer urgently for inpatient management	Adapted	Conjunctival pation: added to increase sensitivity of detection of anaemia and for research purposes. Harmoglobin [Mol Remember 1] and the research purpose of all arbitrers with paties and the remember of t	Adapted	STGC 2018 p. 114; WHO Haemoglobin concentrations for the diagnosis of ansemin and assemin and of severity 2011	Eddemiclog: - Hyling pictal burden of ansemia (12.9%), with East / Southern Africa & children <6 having highest burden (ansemia) (12.9%), with East / Southern Africa & children <6 having highest burden (Assessbaum et al. 2014; Ngusala et al. 2015) - Severa semina important risk factor for death / severe outcome from infection (Balarajan et al. 2016) - Rationals for I/B measurement. - Clinical signs perform poorly (Aggarwal et al. 2016; Chalico et al. 2005; Dispo-Cluppot et al., 2018) - Clinical signs perform poorly (Aggarwal et al. 2016; Chalico et al. 2005; Dispo-Cluppot et al., 2018) - Clinical signs perform poorly (Aggarwal et al. 2016; Morie et al., 2017; Morie et al., 2017) - Clinical signs perform existing smooty febrilic children under 5 mustles in 4 told increase effective of the severe existing severe e
	Mild/Moderate anemia	Hb 6 to <10gistl. (2 to 5m) or Hb 6 to <11gistl. (6 to 50m) or Hb 6-11 gistl. (6 to 50m) or Hb 6-11 gistl. (6-14y) OR Some (pallmar or conjunctival) patior AND NO Hb	Severe anaemia	Yes - to consider if already on iron supplementation for ≥2 months	IF not Sickle Cell Disease, and not currently taking RUTF: PO tron 3mg/Kg/day in 1 dose for 14 days [2mg/Kg/dose daily x14d] If age+12mth and no dose in last 6 months PO Mebendazole (prevention) (Age >=1yr) 500mg daily for 1 days	14 days	Mild/moderate anemia counseling No referral. Return for follow up in 14 days Consider outpatient referral if already on iron treatment for more than two month	Adapted	idem	Adapted	idem	Do not withold iron supplement until end of febrile spisode (Gern 2002)

Complaint category	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines List for Children and Adolescents 2018 (STGC 2015), or IMCI 2014 (TZ IMCI 2026), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
Universal assessme nt - danger signs & fever	Central Nervous System Danger Signs	Comulating now OR Unconscious OR Lethangic OR 31 comulations the promision of the State of the S		Yes - urgent	Pie-ederacia: III convoluting now. III convolution. III convoluting now. III convolution. III conv		Keep the child warm Prevent low blood sugar Refer urgently for inpatient management	Adapted	Comutation criteria: Adapted to account for simple fishile consulations (see intrinsile related to diagnosis below). Number and duration of convulsions related to diagnosis below). Number and duration of convulsions related to the convulsion of t	Adapted	IMCI 2014, STGC 2018 p. 74	- Unconscious / Lethergic good predictors of severe disease (Aramburo et al., 2018; Concey et al., 2015; Mono et al., 2011; Scott, Donoghue, Galeski, Marchese, & Mastry, 2014; van Nassau et al., 2018)
	Very severe febrile disease	Fever AND Danger sign (Consulation) Lethrage (Kip, ear) Fram AND Siff neck AND Difficulty moving head AND Difficulty moving head 2 Convisions in present illness 1 Convisions in present illness 1 Convision NP (App et 71m or 2 6y) OR Severe mathristino OR Convision 1 Stimm OR HoV OR feer 2 for OR market sets problem feer 2 for OR market sets problem (Vomiling everything (%)) OR Unable to drink / breastfeet) AND Unable to toterate cond fluid		Yes - urgent	The extends of the convolution o		Prevent low blood sugar Refer urgently for inpatient management	Adapted	Pover and any danger sign; in line with MAC Stiff mack. Twy checked for danger spy present, and not checked in Stiff mack. Twy checked for danger spy present, and not checked in Stiff mack. Twy checked for danger spy presents of meningitis (note all children with any CNS danger sign are covered for meningitis under diagnost children with any CNS danger sign are covered for meningis under diagnost poly specered scales of CNS Danger sign; and included (also not in Cher within in 3TDS for suspected meninsipility on an analysis of the company case Level building fortained, weak or, initiation by Comvision criteria; Adapted to account for simple ferbile convulsions (see Convision criteria; Adapted to account for simple ferbile convulsions under the convisions of the convis	Yes	STGC 2018 p. 74, IMCI 2014, IMCI TZ 2020	
	Suspected meningitis	Fever AND NO Danger sign AND AND Headache or Neck pain or stiffness AND Stiff neck		Yes - urgent	Per et derezia. MIV Celfinarom EN 80-100mg/kg/day divided into 1 dose for 1 days (80-100mg/kg/day) divided into 1 dose for 1 days (80-100mg/kg/dose daily x 1 dose). Gif Cent as wailable; MIV Ampollini HD 400mg/kg/day divided int 4 doses for 1 days (100mg/kg/dose lose times a day x 1 dose). Gif Cent as wailable; MIV Ampollini HD 400mg/kg/day divided into 1 dose for 1 days (100mg/kg/dose daily x 1 dose). PO Paracetamd 49-00 mg/kg/day divided into 4 doses x 1 days [10-20mg/kg/dose for times a day x 1d) Prevent to w todo care.			Adapted	Stiff neck: Only checked if no danger sign present, and not checked in children -12 mortile as uncommon even in presence of meningitis (not as which were not to the children of the childre	Adapted	IIMCI 2014, IIMCI TZ 2020	
	Simple febrile convulsion	Fewer s7 days AND Single consistent -15 min AND Age 1-12m and 49 years AND	Suspicion of poisoning	No	PO Paracetamol 40-80 mg/Kgidsy divided into 4 doses x 3 days [10-20mg/kgidsos four times a day x 3d]	Conditional	Simple febrile convulsion counselling No inpatient referral needed: Reasons to return to clinic	New	Inclusion of simple febrible convulsion diagnosis; relatively common and benign condition, inclusion Benefice reduces unnecessary referrals to inceptal. MCI of a farration guidelines refer to convulsions plant as a criteria respectable to the convolution plant as a criteria diagnosis of simple febrile convolution, but higher risk categories exclused diagnosis of simple febrile convolution, but higher risk categories exclused (see +12m or 26) pricrogarde convolution. IVI, consultion without fewer, feer 27d, severe acute materialistics, masked; Otheria such as duration +15 min integrated, age adopted by expert paine to 12m th -69;	Adapted	STGC 2018 p.132	hatory of consistion in current limes is a moderable predictor of severe disease (Aramburo et al., 2018). Convey of al., 2015). AIGL 17 25 Tota refer to convolvisors (plural) - multiple convolutions may indicate more severe disease. All control of the convolving papers simple feeble estable had bacterial meningitis in a systematic review (Nujal Zasieh et al., 2013). Hemopolitus influencia page (1 (8)) and presumosoccal conjugate veccines (PCV) have reduced oxeral risk of meningitis on diffractions found mortality rates as high as 6 and 37% (Assopha, et al. 2015). Whether a did 370% present on complex acute seatures two charles of rest of the world (Facilia) et al. 2015; present on complex acute seatures two charles of the st of the world (Facilia) et al. 2015; present on complex acute seatures two charles of earlier in infants from colder (niches; client have more complex course) advantes course and other reset of whether than other (niches; client have more complex course) advantes course and other reset of whether American Acutedroy (2011). Williams and (2011).
	Severe malaria	Malaria test positive Danger sign OR Severe proston OR Severe material (MCI or 16- regist) OR Jauncie Malaria test performed ris Feere OR Unconscious letharge OR Convulsing new OR Convulsions in the filters		Yes - urgent	Per-eferrial MA Artesunata 2-Lampkgladay divided into 1 dose for 1 days [2.4mpkgladose daily 1 dose] St Artesunate not available) IM Quinnie (loading dose) 20 mg/Kg/day in 1 dose for 1 days [2.0mg/Kg/dose daily 1 dose] AMV Cethiacome Simpkgladay divided into 1 dose for 1 days [50mg/kg/dose daily 1 di amiliah) IMM Ampiliah 2000 Ampiliah		Keep the child warm Prevent low blood sugar Refer urgently for inpatient management	Adapted	Severity criteria; danger signs as per MCI 2014, and additional criteria from WHIO / STG mataria guidelines which are feasible to assess in primary care, and good prediction of severe outcome. Signs of respirably of different, severe assemia, jurandice (VH10, 2015, TZ MOH 2015, Syprimerals et al. 2017) marked meet, affilies a note this is assessed and treated under "suspected meningitis" above	YES	STGC 2018 p. 71, IMCI 2014, IMCI TZ 2020	
	Severe suspected malaria	Fever Malaria test unavailable AND Danger sign OR Severe pneumonia OR Severe ansemia (MICI or 16 -69/dL) OR Jaundoe		Yes - urgent	Piece detreia Al Artesunata Z-Lamphglady divided into 1 dose for 1 days [2.4mphgladose daily 1 dose] 1 dose] Ghatesunata not available) M Quinne 20 mg/kgiday in 1 dose for 1 days [20 mg/kg/dose daily x 1 dose] MV Cettisamer Somphgladsy divided into 1 dose for 1 days [20 mg/kg/dose daily x 1 dose] MV Cettisamer Somphgladsy divided into 1 dose for 1 days [20mg/kg/dose daily x 10 mg/kg/dose MV Cettisamer som 1 days [20mg/kg/dose daily x 10 mg/kg/dose MV Cettisamer som 2 days 1 dose [0 (I Cet not available) MV Cettisamer mg/kg/dby divided into 1 dose for 1 days [7 mg/kg/dose daily x 1 dose] PO Passcelamid 4040 mg/kg/day divided into 1 dose for 1 days [7 mg/kg/dose] PO Passcelamid 4040 mg/kg/day divided into 1 dose for 2 days [10-20mg/kg/dose for lame a day x 1 dose]		Keep the child warm Refer urgenily for inpatient management Prevent low blood sugar	New	ldem	YES	idem	
	Uncomplicated malaria	Fever AND malaria test positive	Severe malaria	No	PO Aftermether-lumeflamtine law times a day for 3 days (Fload doses: Slor-18ig a 201/20mg / 150-25ig = 402/00mg / 150-245ig = 602/00mg / 150-245ig = 602/00mg / 150-245ig = 602/00mg / 150-245ig = 602/00mg / 150-245ig = 762/00mg / 150-25ig = 76	Conditional	Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic	Same	As per IMCI / STG guidelines / WHO malaria guidelines	YES	STGC 2018 p. 73, IMCI 2014, IMCI TZ 2020	

Complaint	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines: List for Children and Adolescents 2018 (STGC 2016), or IMCI 2014 (TZ IMCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Suspected malaria	Fever AND malaria test not available	Severe suspected malaria		If unable to test elsewhere in <a "significant="" a="" added="" ambibiotics"="" and="" be="" by="" committee.<="" conventional="" criteria="" disprostic="" expert="" fear="" for="" href="https://dx.doi.org/10.10/1</th><th>Conditional</th><th>If unable to test elsewhere in ~2hrs OR other severe diagnosis: Ensure adequate fluid and calorie intake. No inpatient referral needed: Reasons to return to clinic if follow-up with (consider referral). If able to test elsewhere in ~2hrs OR other severe diagnosis: Refer for malaria testing</th><th>New</th><th>Referral for malaria test in another clinic; if feasible within 2 hours, and no other severe diagnosis, in order to reduce inappropriate prescription of artimoshrade</th><th>NEW</th><th></th><th></th></tr><tr><th></th><th>Complicated prolonged fever</th><th>Fever 22 weeks Fever 25 weeks (Fever 21 week AND severe comorbidely ISAM, week (low WFA, HVI), selected desires, coverted palsy, severe anaemia, congenital heart disease)</th><th></th><th>Yes - urgent</th><th>PO Ciprofloxacin 20-40mg/kg/dsy divided into 2 doses for 7 days [10-20mg/kg/dsy x 74] (If Cipro not available) PO Azithromycin 10mg/kg/dsy in 1 dose for 7 days [10mg/kg/dsc daily x 74] PO Paracetamid 40-80 mg/kg/dsy divided into 4 doses x 2-5 days[10-20mg/kg/dsos four times a day x 2-5d]</th><th></th><th>Refer urgently for
inpatient management
Withold antibiotics before
TB assessment if
possible</th><th>New</th><th>Clietia for diagnosis and treatment of children with protonged fever. 7 days is used as a critical for protonged fever in level MM.CL-Poot offerentiales those who require immediate lather assessment / referral w trial of antibiotic teatment (to cover hypothic dever, but in addition also covers! Under a development). This is determined by either severe comorbidity, or a fever development of the development of</th><th>Adapted</th><th>IMCI 2014, IMCI TZ
2020</th><th>Coverage for several baderical infections, notably enterior fores, occul uninely tract infections (UTI) and presumonia. Out operations in one of the economical terminests executing the TZ STGS tend to be thereis the exactled in 16 mile of circles for hidden PZ STGS with presumonia (p45). All identifies UTI pathogens were sensitive to ciprofloacin in a recent with presumonia (p45). All identifies UTI pathogens were sensitive to ciprofloacin in a recent information and the pathogens in a study from trust Tanzania study (pficklimitor et al., 2015). Similarity of the pathogens in a study from trust Tanzania (Mathende et al., 2015). Molecular analysis of 3. typis introduced to the pathogens of the p</th></tr><tr><th></th><th>Prolonged Fever</th><th>Fever ≥7 days AND Fever <2 weeks
AND
NO severe comortivo times a dayity
AND
Malaria negative</th><th>Complicated prolonged fever; FWS - bacterial</th><th>If attended health
facility in last 14/7
consider referral</th><th>PO Ciprofloxacin 20-40mg/kg/day divided into 2 doses for 7 days [10-
20mg/kg/day x 7d]
(if Cipro not available) PO Azithromycin 10mg/kg/day in 1 dose for 7 days
[10mg/kg/day in 1 dose for 7 days
[10mg/kg/dose daily x 7d]
PO Paracebamol 40-80 mg/kg/day divided into 4 doses x 2-5 days[10-
20mg/kg/dose four times a day x 2-5d]</th><th>Conditional</th><th>No inpatient referral
needed: Reasons to
return to clinic
If followup visit:
Consider referral</th><th>Same</th><th>See above</th><th>Adapted</th><th>IMCI 2014, IMCI TZ
2020</th><th>See above</th></tr><tr><th></th><th>Suspicion of
Tuberculosis</th><th>Cough >2weeks OR Fever >2weeks OR Significant haenophysis OR TB contact OR Significant weight loss / failure to gain (only asked in those >5years)</th><th></th><th>Yes - TB services
(if not available at
facility)</th><th>If fever: PO Paracetamol 40-60 mg/Kg/day divided into 4 doses x 2-5 days [10-20mg/kg/dose four times a day x 2-5d]</th><th></th><th>Withold antibiotics before
TB assessment if
possible
Tuberculosis assessment
at health facility
Refer for specialized
outpatient investigations:
TB assessment</th><th>Adapted</th><th>Dagnostic criteria: Based on 17.1 international guidelines, include all dispressic criteria proposed in 17.5 Standard treatment guideline except for fexcessive right sweats* and " infection="" insulandrating="" loss"="" not="" or="" out="" over-elemant.="" responding="" sixen="" suggestion="" tanzanian="" th="" the="" upon="" weight=""><th>Adapted</th><th>STGC 2018 p.50</th><th>- Châden, especially infarts and those under 2 years of age, have less symptoms but are at much higher risk of progression from infection to serious disease compared to older children over 10 years of age and adults (Beyes et al., 1997; B. J. Marais et al., 2004). The risk of progression to disease is high in young children who are proposed to brusehold members with TB (van Zyl et al., 2006). - Putmorsal y Tuberculosis is a common cause of hemophysis (Simon et al., 2017).</th>	Adapted	STGC 2018 p.50	- Châden, especially infarts and those under 2 years of age, have less symptoms but are at much higher risk of progression from infection to serious disease compared to older children over 10 years of age and adults (Beyes et al., 1997; B. J. Marais et al., 2004). The risk of progression to disease is high in young children who are proposed to brusehold members with TB (van Zyl et al., 2006). - Putmorsal y Tuberculosis is a common cause of hemophysis (Simon et al., 2017).				
Universal assessment fever without source	Fever without source presumed bacterial infection	From AND NO Cloudy AND NO Cloudy AND NO Cough AND NO Did Gully breathing AND NO Rumny roce AND NO Did carbos AND NO abscess. AND NO cellulists. AND NO cellulists and the control of the cought and the c	Other infectious diagnores - malaria, phanynglis, escuinfection, phanynglis, escuinfection, complicated wound, extensive foliculitis, cellulitis, impelgo, abscess, numps, measies, chicken pox, escuinfection, prolonged fever, chicken pox, pelvic inflammatory disease, urinary tract infections, preseptial cellulitis, severe abdominal condition, and scanlet fever	IF unexplained bleeding - urgent reactive fractility in last 14/7, consider referral (if recent analysis) breatment), otherwise No	PO Cignofloxacin 20-40mg/kg/dsty divided into 2 doses for 7 days [10-20mg/kg/dsty x 7] AND PO Amozicillin 107 51-100mg/kg/dsty divided in 2 doses for 7 days [50mg/kg/dste between as days, 7/3] [50mg/kg/dste between as days, 7/3] [50mg/kg/dste between as days, 7/3] [2 doses for 7 days (dosage based on TMP) [4mg/kg/dstose two times a day x 7 days] PO Paracelamid 40-80 mg/kg/dsty divided into 4 doses x 2-5 days[10-20mg/kg/dose four times a day x 2-5d]	Conditional	If no unexplained bleeding: No inpatient referral needed. Resorts to reduce to clinical for the control of the	Adapted	IMC only proposes antibiotics in children for which a bacterial source is identified. To increase sensibility ePOCT+ proposes the use of CPD? Comparison of the comparison of	Adpated	IMCI 2014, IMCI TZ 2020, TZ Słd Med Lab Equipment Guidelines 2018	Pandictors included to augustor hastificates providers in antificatic dictation making for ferror enters a boat source of infection in not identified. Unlet is checked for children 3. Sim (see lettin) to the boay. For the DYNAMIC study CRP is used at a cut-off of dimptil, consisting the pre-fact probability in primary health associations and exclose gathered from the periods are relieved by the property of the
	Fever without source: Presumed viral illness	Freez Freez O cough AND NO Officed by reathing AND NO Rumy rose AND NO districes AND NO abscess. AND NO cellulidis. AND NO chickes pox. AND NO cellulidis. AND NO chickes pox. AND NO cellulidis. AND NO chickes pox. AND NO cellulidis. AND NO pain or difficulty passing usine, AND NO cellulidis. AND	as above	IF unexplained bleeding - urgent referral, otherwise No	PO Passesband 40.00 mg/kgjday divided into 4 doses x 2-5 days [10- 20mg/kgldose four times a day x 2-5d] Cough or cold symptomatic care	Conditional	Common cold or upper respiratory tract infection: Symptomatic care if no unexplained bleeding: No inpatient referral receded. Reasons to return to climic if unexplained bleeding: Refer urgenity or inpatient management	Adapted	idem	Adapted	IMCI 2014, IMCI TZ 2020, TZ Sld Med Lab Equipment Guidelines 2018	
	Febrile urinary tract infection	Forest No Cough AND NO Difficulty breathing AND NO Rumy notes AND NO districts AND NO abscess. AND NO cellulification and NO NO districts AND NO cellulification por. AND NO cellulification por. AND NO Cellulification por. AND NO NO sept on districtions por. AND NO NO cellulification districtions, AND NO serie forused nor red mass. AND NO localization place of scharges, AND NO series forused nor red mass. AND NO localization place not possible and scharges. AND NO series forused nor scharges and normalization of the normalization places and normalization places. AND normalization places are not normalized to the normalization places and normalization places.		No	PO Ciprofloxacin 20-40mg/kg/dsty divided into 2 doses for 10 days [10-20mg/kg/dsty two times a day x 10 days] of Cipro not available) POC-2-moustical 100mg/kg/dsty divided in 2 dose for 10 days [20mg/kg/dsty two times a day x 10d] PO 2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	Conditional	No inpatient referral needed: Reasons to return to clinic Refer if oral intake not possible	Adapted	Unite lest (when available) for those 3-24 months without other identified source of fever. UTI is more common in those 3-24 months, for whom unitary or produced in the common of the c	Adapted	STGC p. 204	TZ STG recommends amodollin or ciproflosacin for febrile UT. Amodollin shows increasing resistance against UT exclude (Settls et al., 2016, Leung et al., 2019). Therefore, opinifosacin tale bean disease as 1st fite.

Complai category			Excluded by		TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines: List for Children and Adolescents 2018 (STGC 2015), or IMCI 2014 (TZ IMCI 2026), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
Univers assessr nt: respirate probles	Severe pneumonia / ry very severe disease	Cough OR difficulty breathing AND Very fast breathing RR 2-11 in 260/bins, 12-56/es (55/es) (FR 2-11 in 260/bins, 12-56/es) (56/es) (66/es) (6		Yes - urgent	Pan-enfarst. MIV Ampoint 10 400mg/kg/sky divided in 4 doses for 1 days [100mg/kg/sky divided in 4 doses for 1 days [100mg/kg/sky divided in 1 dose for 1 days [100mg/kg/sky divided in 1 dose for 1 days [7mg/kg/dose daily 1 1 g] 1 d] 5 Gest not available, MIV Cettissune Süng-kg/sky divided into 1 dose for 1 days [50mg/kg/dose daily 1 g] Fewer Not by bood stags Fewer Not Woods stags F			Adapted	Instantia Standard Treatment Guidelines, All trivine except for lower clear to clearing allower was included as cellined to disposits. The omission of lower clears indicaving allower was done to aline with Mici 2014. In the DYNAMIC works, respiratory part to allower the MiCi RR could and check indrawing or unable to complete sentence, added as found useful in the ePCCT 2014 only when using equality year personal register personal register. When the process of the design of the process of the proc	Adapted	IMCI 2014, IMCI TZ 2020, STGC 2018 p.43	Additional predictions: Orunting and hypoxemia < 90% SaCQ, are well established predictors for some presumonia and some outcome (among children with senser poemans) annahimation in the common of the
	(Bacterial) Pneumonia	(Cough OR Difficulty breathing) AND Chest indrawing indrawing Cough OR Difficulty Date (See 1) and AND First >= 4 days AND NO PS: Darger Signs AND GRP >= 6 ONE (Cough OR Difficulty ON DIFIGURES ON DIFFICULTY ON D	Severe pneumonia	indrawing and CRP >40mn/l	PO Amoulcillin HD 75-100mg/Kglday didded in 2 doces for 5 days (37.5-50mg/Kgldaos hao limes a day 5.6] (8f Amor not available) PO Co-timocaznie Emgkglday (obinig based on TMP) has limes a day br 5.0st [Emgkgldas (abil), 5.0] PO Paracetamol 40-80mg/Kglday didded into 4 doces x 2.5 days [10-20mg/kgldose four times a day x 2-5.6]	Conditional	Adequate fluid & calorie intake	Adapted	Four clinics. MCI defines powernoria as cough or difficulty breakting, with necket indivising or lost breakings, regulates of here (increased or absent). As affebrile presumonia is uncommon in immunocompete children and found to highly sensible for the diagnosis of presumonia (Rahmadu-Albataus, 2015, to highly sensible for the diagnosis of presumonia (Rahmadu-Albataus, 2015, assumonia in order to reduce artificiolic prescription except those with a vere-commonitor to the adoption and reduce of the TMCI stally drive as with no predictor of situations faither such the sensitivity of the sensitivit	Adapted	STGC 2018 p. 43, IMCI 2014, IMCI TZ 2020, IMAI 2009	Use of CRP: Tachypnea and other initial signs have been found to be poor prediction of the CRP: Tachypnea and other initial signs have been found to be poor prediction of the CRP: Tachypnea and other initial signs and the CRP: Tachypnea (1997). The CRP: 2000. Bachus, Simile, & Neuman, 2017, Rees, 2000. The use of CRP has been found to safely direct artibution preception in children with acute respiratory infections (Asberbus, Jersen, Jergensen, Hobgistson, & Bjerum, 2014, De et al., 1998). - Cabpion in federal children (Leiber al., 2019). - Cabpion of 40mg/dic. corresponds to the optimal threshold (44 mg/di.) in terms of sensibility and specificity in predicting X-Ray disfined personnois in an oction of teletine Transmiss middlen at specificity in predicting X-Ray disfined personnois in an oction of teleting-size has designed as the control of teleting-size that the control of teleting-size has been according to the control of teleting-size that the control of teleting-size thas the control of teleting-size that the control of teleting-size
	(IMCI/IMAI)Pneumon la	Cough OR difficulty breathing AND	Severe pneumonia	Yes - if no improvement (persisting fast breathing or chest indrawing despite 3 days of antibotic treatment in children under 12 months or HIV+)	PO Annual IIII 175-100mg/Kg/dary dielded in 2 dozes for 5 days (37.5-50mg/Kg/doze Neo lines a days 65) (175-50mg/Kg/doze Neo lines a days 65) (176-100mg/Kg/days (dozes Mg/Kg/days (dozes Mg/Kg/Kg/days (dozes Mg/Kg/days (dozes Mg/	Conditional	Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic		As above			
	Viral Pneumonia	Cough OR difficulty breathing AND Chest indrawing OR fast breathing (RR 2-11m ≥50/min, 13-50m =40/min, 5-12y ≥30/min, 13-14y ≥20/min OR Fever ≥4 days) ND Danger signs AND CRP <40/mg/L (in those we severe comortwo times a dayties)	Bacterial pneumonia / IMCI/IMAI pneumonia / Severe pneumonia	No	PO Paracelamol 40-80 mg/Kgiday divided into 4 doses x 2-5 days [10- 20mg/kgidose four times a day x 2-5d] (if febrile)	Conditional	URTI symptomatic care advice Adequate fluid & calorie intake + Advice on why not to give antibiotics	Adapted	As above	Adapted	STGC 2018 p. 43, IMCI 2014, IMCI TZ 2020, IMAI 2009	
	Common cold (URTI)	Cough OR difficulty breathing OR Runny nose	Severe pneumonia / IMCUMAI pneumonia / IMCUMAI pneumonia / Bacterial/Viral pneumonia / CNS danger sign / measles / Mild croup / Severe croup / Inhalation injury / Complicated chicken pox / Suspicion of foreign object / Significant hemophysis / Reactive airway disease	No	PO Paracetamol 40-80 mg/kg/day divided into 4 doses x 2-5 days [10- Zomg/kg/bose four times a day x 2-5d] (if febrile)	Conditional	Common cold or upper respiratory tract infections Symptomatic care Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic Explain why oral antibiotics are not useful for this patient	Same	In line with Tanzania STG.	Yes	STGC 2018 p. 46 and 60	
	Reactive Airway Disease	Age 21 year AND Cough OR Difficulty breathing Chest Indiawing OR 8st breathing (RR 2-11m 250/min, 12-59m 240/min, 5-12y 230/min, 13-14y 220/min) AND Wheecing NO respiratory distress AND improvement with trial		Yes - Consider outpatient assessment if recurrent episodes)	NNH Salbutamol 200mcg four times a day for 14 days (If Salbutamol 200mcg four times a day for 200mcg two times a day-four times a day for 14 days	Conditional	Advice on inhaler use Adequate fluid & calorie intake + Advice on why not to give antibiotics	Adapted	In line with STG guidelines for bronchial asthma, limiting to non-severe symptoms (severe symptoms captured within severe presumonia). Management of wheezing similar to that described in MCC.	YES	STGA 2018 p.99, STGC 2018 p.63, IMCI 2014, IMCI TZ 2020	
	Severe Croup	6m-59m AND (Cough AND [Barking cough CR Stridort) OR (Difficutly breathing AND Stridor) AND Stridor at rest	Suspicion of foreign object in airways	Yes - urgent IF no improvement 1 hr after steroids or steroids not available	PO Prednisolone 1mg/kg/day in 1 dose for 1 days (1mg/kg/dose daily x 1 dose) (If Prednisolone not available) PO Dearmethasone 0.15 mg/kg/day in 1 dose for 1 days (0.15mg/kg/dose daily x 1 dose)		Croup counselling (if improved) + Advice on why not to give antibiotics	New	In line with STGC 2018 for acuse layings-tracheotoronchills, but adds a test with conticosteroids in order to see if the child needs to be referred or not.	Adapted	STGA 2018 p.99	Use of discontrictoids: Reduces symptoms at low hours, shortened houghist step, and reduced her rated reliant which to care (Catels A et 2016; Fernances et al. 2019). - Low dose ordiscosteroids mo-inferior in terms of clinical outcome compared to normal dose ordiscosteroids; (Perside A Cooper, 2019). Strider in croup and not in severa pseumonia; In the ear of Heerophillus influenza type B et al. (Persident A Cooper, 2019). The contribution of the contribution with strider and severe presumonia have other signs of respiratory distress, such as lower chest naturally (Replier of a 2011).
	Mild Croup	AND (Cough AND [Barking cough OR Stridor]) OR (Difficulty breathing AND Stridor) AND NO Stridor at rest	Suspicion of foreign object in ainways / severe croup / Severe pneumonia	No		Conditional	Croup counselling + Advice on why not to give antibiotics	New	In line with STG guidelines for acute laryngo-tracheobronchitis	YES	IMCI 2014, STGC 2018 p. 99	
	Suspicion of foreign object in airways	Cough or Difficult breathing AND Wheeze or stridor AND Possibility of foreign object in airway		Yes - urgent				New	To simplify algorithm only use possibility of inhalation of foreign object in children with difficulty breathing.	Yes	STGC 2018 p. 249	

Complaint	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidalines. Standard Treatment Quidelines and Essential Medicines List for Children and Addressment 2016 (STOC 2016), or IMCI 2014 (TZ IMCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Significant hemoptysis	Cough OR Difficulty breathing AND Significant haemoptysis (> 1 episode)		Yes - for investigation				New	Added this algorithm, based on recommendation by TZ expert panel.	Adapted	STGC 2018 p.43	
Gastrointe stinal / abdominal (diarrhoea / dehydratic n in universal assessme nt)	Severe Dehydration	C3 looselligad shook in 24 km CR Vernifrig) AND Lethagid: Uncorrection CR (Vernifrig) AND Lethagid: Uncorrection CR (Vernifrig) AND Lethagid: Uncorrection CR Guide (Vernifrig) CR Unable to desire! Uncorrection CR Guiden eyes Slove or very sold control of the Carbon of		Yes - urgent IF dehydration is only diagnosis and no danger signs and able to give IV fluids at facility - reassess before refer	IF other severe classification: pre-referral / en route fluid management (V / NG if unable to lorente oral fluid: OSS if able to tolerate oral) Fin on other severe classification: MCI rehydration plan C IF improves with Plan C -> Plan B and then A, including if darrhoea: PO Zinc Sutfate 10mg daily for 10 days			Adapted	Debydeation score subspace for some and severe debydeation, requiring only one offension for eitherapic unconscious to be defined as severe dehydeation, when associated with darshes, vomiling, or unable to drink. Fladd challenge proposed to wide subset to destinguish between severe and some stream of the contract of the second of the contract of the contract of the second of the contract of the contract of the second of the se	Adapted	STGC p. 53, IMCI 2014, IMCI TZ 2020	Asspeate of WMO Dehydration cashs), aboratory tests, wine analysis, ultrasound, or isolational findings are ontiable for detenting dehydration in the peated population (Freedman, Vandemere, Miller, & Harding, 2015, Steiner, DeWalt, & Spreider, 2004), A continuation of continuation of the peated of the dehydration in children and peated of the peated of the peated of the dehydration peated of the peated of
	Some Dehydration	Unable to drink / breastfeed OR Dehydration risk OR skin pinch goes slowly OR surken eyes AND Oral fluid test: drinks eagerly, thirstly (only if no CNS danger signs) ONS danger signs) Ons denote the control of the co	Severe dehydration; severe persistent diarrhoea	No	If severe classification: ORS on way to hospital If no severe classification: ORS Plan B in clinic If improves with Plan B: Plan A - ORS Home rehydration IF cliamhoes: PO Zinc Sulfate 10mg daily for 10 days	Conditional	Feeding Counselling (age specific) No inpatient referral needed: Reasons to return to clinic	MODFIED	As above	Adapted	STGC p. 53, IMCI 2014, IMCI TZ 2020	As above
	Severe persistent diarrhoea	≥ 3 loose / liquid stools in 24 hrs AND Diarrhoea duration ≥14 days AND Some dehydration	Severe dehydration; some dehydration	Yes	IF Severe dehydration and no other severe classification: Plan C before referral IF some dehdyration and no other severe classification: Plan B before referral IF other severe classification: pre-referral / en route fluid management		Refer for inpatient management	New	In line with IMCI 2014 and IMCI TZ 2020	Yes	IMCI 2014, IMCI TZ 2020	
	Persistent diarrhea	z 3 loose / liquid stools in 24 hrs AND Diamhosa duration 214 days AND NO blood in stools AND NO dehydration	Severe dehydration; severe persistent diarrhoea	Yes - if no improvement after 5 days of 2inc and feeding counselling, or if HIV+	PO Zinc sulfate 10mg daily for 10 days If no Vitamin A in the past month, or already on Read To Use Therapeutic Food: PO Vitamin A faily for 1 days (fixed dose per age: 6-12mth = 100,000L/ >>> 1yr = 200,00L/) Plan A - ORS Home rehydration	Conditional	Feeding counselling (age based) Explain why oral antibiotics are not useful for this patient. No inpatient referral needed. Reasons to return to clinic. If followup visit 8, already intraded with Zero-Sdays: Refer urgently for inpatient management. If HIV: Refer for outpatient evaluation: HIV care and treatment or that the content of	New	In line with STGC (limited work-up acceptable for primary care health facilities) and MCI, however use of low dose Zinc.	Adapted	STGC p. 58, IMCI 2014, IMCI TZ 2020	- Use of low dose Zinc (Phingra et al. NE.M., 2020)
	Acute diarrhea	≥ 3 toose / liquid stoots in 24 hrs AND Diarrhoea duration <14 days	Severe dehydration;som e dehydration; severe persistent diarrhoea; dysentery	No	PO Zinc sulfate 10mg daily for 10 days Plan A - ORS Home rehydrasion	Conditional	Feeding counselling Explain why oral antibiotics are not useful for this patient No inpatient referral needed: Reasons to return to clinic	Same	In line with STGC (limited work-up acceptable for primary care health facilities) and MCI, however use of low dose Zinc.	Adapted	STGC p. 58, IMCI 2014, IMCI TZ 2020	- Use of low dose Zinc (Phingra et al. NE.M., 2020)
	Dysentery	Loose or liquid stools AND Blood in stool	Persisting dysentery / Severe abdominal condition	No	Se if fever or Known Hill Mulif for age 3 acone < 3. P.O (pientlossein 20- domglegktey) uldered dozes for 6 dey (P.O.2mplegktey) uldered ozeses for 6 dey (P.O.2mplegktey) uldered ozeses for 6 dey (P.O.2mplegktey) and ozes for 5 days) (P.O.2mplegktey) x 60 desse for 5 days) (P.O.2mplegktey) x 60 desse for 5 days) (P.O.2mplegktey) x 60 deys for 40 days (P.O.2mplegktey) x 60 days (P.O.2mplegktey) x	Conditional	No inpatient referral needed: Reasons to return to clinic	Same	In line with MCI 2014 and IMCI TZ 2020, however selective antibiodo treatment in children above 5 years, and use of low dose Zinc.	Adapted	STGC p. 60, IMCI 2014, IMCI TZ 2020	Lise of low dose Zinc, (Dinings et al. NEJM. 2020). - Need for antibiotic stewardship in children above 5 years given increasing antibiotic resistance (Ranghar et al., 2019) based on population with highest risk factors for mortality. HfV infection, mainutrition, and young age (Tickell et al., 2017).
	Persisting dysentery	Loose or liquid stools AND follow-up consultation AND Return visit for dysentery after 3 days of treatment with ciprofloxacin AND Symptoms worse or the same: Number of stools, amount of blood in stools, fever, abdominal pain or eating		Yes - if no improvement after 3 days or HIV+, age <12 months, has severe malnutrition, or measles.	PO Azilhtemycin 10mg/lagiday in 1 dose for 5 days [10mg/kg/dose daily x 5d] IR-Zmith: PO Zinc sulfate 10mg daily for 10 days Plan A - ORS Home rehydration	Conditional	IF severe acute mainutrition, measles rash, HIV or 2-12mth: Refer urgently for inpatient management No inpatient referral needed: Reasons to return to clinic	Adapted	In line with IMCI 2014 for follow-up management, except does not integrate status of dehydration from first visit.	Adapted	STGC p. 60, IMCI 2014, IMCI TZ 2020	
	Severe Abdominal Condition	Vorniling OR Blood in stool OR Abdominal pain AND Suspicion of severe Cil beeding OR Billious conting OR Abdominal brain abdottabel flocation of the Company		Yes - urgent	Pre-orderzal F Fore: PO Metroidazorie 20mg/kgiday divided into 2 doses for 1 days [10mg/kgidose tos times a day x 1 dose] MAY Cettissane Sünnykgiday divided into 1 dose for 1 days (Sünnykgidose (GC Fort a wailable) PO Dicerlionascin 20-40mg/kgiday divided into 2 doses for 1 days (10/2mg/kgiday x 1d) PO Paraccharical 40mg/kgiday divided into 4 doses for 1 days (10- 20mg/kgidose four times a day x 1d)		Refer urgenity for impadent management	New	Combining many signs of severe pastro-intestinal conditions including appendicits, intestinal obstaction, and intussusception. Equivalent to Severe or Surgicial abdominal problem in IMAI 2009	Adapted	STGC p. 233, IMAI 2009 p. 25	Epidemicrocy I said-Sahama Michica, pedialatic surgery pallents are responsible for 6-12% of all pedialatic admissions (Biocher et al., WND 2007). Said-Sahama Michica, pedialatic surgery pallents are responsible for 6-12% of all pedialatic admissions (Biocher et al., WND 2007). Said-Sahama Michica, Said-Said-Said-Said-Said-Said-Said-Said-

Complaint category			Excluded by		THEATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Quidelines and Essential Medicines List for Children and Adolescents 2018 (STGC 2015), or MCI 2014 (TZ MCI 2020), or MAA 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Non-Severe Abdominal Condition	Vomiting OR <3 loose / liquid stools / 24 hrs OR Abdominal pain	Severe abdominal condition / severe or some dehydration / constipation / acute diarrhea /	No	IF abdominat pain: PO Paracetamol 40.80 mg/kg/day divided into 4 doses x 2-6 days [10-20mg/kg/dose-lour times a day x 2-6d]. PLAN A: ORS Home rehydration	Conditional	Feeding counselling (age based) IF «6mth: guildance on colic If loose stools: Plan A - ORS at home No inpatient referral needed: Reasons to return to climic Explain why oral antibiotics are not useful for this patient	New	Categorizing non-severe gastrointestinal conditions that are not characterized by acute damtes, dysentery, severe abdominal condition, dehydration, or other gastrointestinal conditions. Smith of Eastbeartestins of other cli or other cli or other climatestinal conditions of the substantial context of provide guidance on feeding and why artibiotics are not necessary.	Adapted	IMAI 2009 p. 27	see ref. for severe abdominal condition
	Constipation	NO diarrhea AND Constipation: Decreased frequency of hard stools	Inguinal hernia, Severe abdominal condition,	No		Conditional	Constipation counselling No inpatient referral needed: Reasons to return to clinic	New	Categorized within Other GI problem in IMAI 2009.	Adapted	IMAI 2009 p. 28	Highly prevalent among children (Poddar, 2016; Koppen et al., 2018), with a prevalence up to 29.6% (van den Berg et al. 2006). Predictors leading to the diagnosis were adapted and simplified according IMAI 2009 and the ESPGHAN and NASPGHAN evidence-based recommendations (Tabbers et al., 2014)
	Oxyuriasis	Age 1 - 14 years AND Anal itching OR worms in stool		No	If >> Smith: PO Methodazole (treatment) (Age >= tyr) 100mg daily for 1 days & repeat after 1 days (if Medematorie not available) PO Albendazole (treatment) (age-based dose) daily for 1 days ≥ repeat in 14 days (fixed dose: Age >> tyr to <2yr = 200mg / Age: >>2yr to <40yr = 400mg)	Conditional	No inpatient referral needed: Reasons to return to clinic	New	Added. Not in BICI or Tanzanian guidelines	NEW		Eddemiclogy: Worm infections including oxysriasis are important global health conditions in both high- and LMC, affecting growth and cognitive development (Weatherhead et al., 2015). More than one LMC, affecting growth and cognitive development (Weatherhead et al., 2015). More than one soliton people are included with pursums globally) (Wend et al., 2019) with up to 28% of infected validers globally (Bethrony et al., 2006). Telestations of Cheor and Supposis (Ledder K & Weller P. 2020) - Success rates after treatment with Mebendazole or Albendazole range between 80-100% (Wend et al., 2015).
	Loss of appetite	Eating a lot less than usual (<5 years)	All other GI diagnoses, all infections	No		Conditional	Feeding counselling No inpatient referral needed: Reasons to return to clinic	New	Added. Not in IMCI or Tanzanian guidelines	NEW		- Frequent chief complaint in ePOCT study (Keitel et al. 2017)
Universal Assessme nt: Diagnoses from additional tests not proposed by	Intestinal parasitic infection: Nematode	Additional test not proposed by algorithm AND Stool microscopy: Ova		No	It => 3 ands. The Materiadizate (prevention) (Age >= 1 yr) 500mg dailly for 1 days. (if Mechadizate not available) PO Albendazate (prevention) (age >= 2 yr) 400mg daily for 1 days.	Conditional	No inpatient referral needed: Reasons to return to clinic	New	In line with STGC	Same	STGC p. 66	
	Intestinal parasitic infection: Protozoa	Additional test not proposed by algorithm AND Stool microscopy: Trophozoites / Cysts		No	PO Metronidazole 20mg/kg/day divided into 2 doses for 7 days [10mg/kg/dose two times a day x 7d]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	In line with STGC	Same	STGC p.65	
	Typhoid Fever	Additional test not proposed by algorithm AND Widal test: positive		No	PO Ciprofloxacin 20-40mgkgday divided into 2 doses for 10 days [10- 20mgkgdgay x 10-9]. O Azirbromycin 10mgkgday in 1 dose for 7 days [110mgkgddose day's 7 d] [110mgkgddose day's 7 d] PO Paracetamol 40-80 mgkgday divided into 4 doses x 2-5 days [10- 20mgkgddose for times a day x 2-5 d]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	In line with STGC	Same	STGC p. 77	Midal test not proposed by ePOCT+ - Widal lest not proposed within ePOCT+ algorithms other than clinician initiated tests given the tow sensibility and specificity of the test (Mawazo et al., 2019; Andualem et al. 2014; Mengist et al. 2017)
	Hyperglycemia	Additional test not proposed by algorithm AND AND Glucose test ≥ 7 mmol/I AND Fasting OR Glucose test ≥ 11.1 mmol/I		Outpatient consultation for diabetes		No	Outpatient referral: Diabetes clinic	New	Adapted fasting blood glucose threshold from STGC at 6.1 mmoll. to 27 mmoll. to 27 mmoll. as proposed by the WHO (Definition and Diagnosis of Diabetes Melitus and intermediate hyperglycaemia, 2006), and the International Diabetes (Pocketbook for management of diabetes in childhood and adolecent of the control of the con	Adapted	STGC p.139	Threshold for diagnosis of diabetes: -WHO, Definition and Diagnosis of Diabetes Melitius and intermediate hyperglycaemia, 2006 - IDF and ISPAD, Oscietbook for management of diabetes in childhood and adolecence in under-
	Severe hypoglycemia	Additional test not proposed by algorithm AND Glucose test < 2.5 mmol/L (or <3 mmol/l if malnourished: MUAC <11.5cm or WFA or WFH z- score <-3 or MUAC for age z-score <-3)	Complicated SAM, CNS Danger signs/Very severe disease / Very severe febrile disease	Yes - urgent	If unable to drink/feed, or vomiting everything: Destrose IV bolus / NG sugar water	No		New	In line with STGC	Same	STGC p. 14	thopolycemia a good predictor of severe disease: - While hypoglycemia was identified as a good predictor of severe disease, this was in children with advanced disease often at higher feel care or among hospitalized children (Chandha et al. 2021), the predictive value at the primary care level is not clear.
Urine / Genital	Pyelonephritis	Age ≥24 months AND AND Pain or difficulty passing urine AND (Fever or Costovertebral tendemess (≥10 years)) AND Pathological urinalysis oR Urine not available	Persisting pyelonephritis	IF not able to eat / drink - urgent referral	PO Ciprofloxacin 20-40mg/kg/day dhi/ded into 2 doses for 10 days [10- 20mg/kg/day x 10d] (If Cipro not available) PO Co-Amoxicillim/Clavulanic acid 80-100mg/kg/day di/ded into 2 doses for 10 days [40-50mg/kg/dose hos times a day x 10d] PO Paracetamid 40-80 mg/Kg/day di/ided into 4 doses x 2-5 days [10- 20mg/kg/dose four times a day x 2-fd]	Conditional		New	Distinction between lower UTI and pyelonephilis, modification in antibiotic treatment due resistance to amoxicilis in unimary tract infection pathogens, maintained ciprofloxacine from STGC. Minimal age threshold of 24 months to identify UTI or pyelonephilis via unimary symptoms (dysuria).	Adapted	STGC 2018 p. 204	- TZ STG recommends amoxicilin or ciprofloxacin for febrile UTI. Amoxicilin shows increasing resistance against UTI soluties (Selfu et al., 2016, Leung et al., 2019). Therefore, ciprofloxacin has been chosen as 1 still see Co-amoxiciava as 7 bit line teachment (Montini et al. 2007) - Co-amoxiciava as 7 bit line teachment (Montini et al. 2007) - Rabasta et al. 2007 preplicosphistic based on symptoms of dysuria starting at age 2 years (Bastas et al. 2008).
	Persisting pyelonephritis	Age ≥24 months AND Pain or difficulty passing urine AND (Fever or Costovertebral tendemess (≥10 years)) AND Follow-up consultation AND Completed three day antiblotic treatment for urinary tract infection or pyelonephritis		Yes		No	Continue treatment and medication prescription as previously prescribed Refer for inpatient management	New	Added referral in case there is no improvement after three days of antibiotic treatment following proposal from Tanzanian expert panel.	Addition	STGC 2018 p. 204	
	Lower urinary tract infection	Age ≥24 months AND Pain or difficulty passing urine AND (NO Fever or Costovertebral tendemess (≥10 years)) AND Pathological urinalysis OR Urine not available	Pyelonephritis	No	PO Co-trimoxazole 8mg TMP/kg/day divided into 2 doses for 3 days (dosage based or TMP) {4mg/kg/dose two times a day x 3d} [(ff Co-timoxazole not available) PO Amoxicilin Somg/Kg/day divided in 2 doses for 3 days [25mg/Kg/dose two times a day x 3d]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	Distinction between lower UTI and pyelonephritis. Minimal age fitreshold of 24 months to identify UTI or pyelonephritis via urinary symptoms (dysuria).	Adapted	STGC 2018 p. 204	Lower UTI (cystits) can be safely treated with a shorter course and a less broad spectrum artibiotic compared to upper UTI (fulfus et al., 2020) thentification of UTI or pyteonephritis based on symptoms of dysuria starting at age 2 years (Raszta et al. 2005)
	Dysmenorrhea	Female sex AND Age ≥8y AND Menarche AND Menstruating Now AND Very painful menstruation		No	Ibuprofen PO	Conditional		New		Same	STGA 2018 P. 145	
	Pregnancy	Female sex AND Age ≥12y AND History of sexual contact AND Menarche AND Suspicion of pregnancy AND Pregnancy test Positive		Yes (outpatient antenatal follow-up)			Pregnancy counselling	New		Same	IMAI 2009 p.43	
	Negative pregnancy test	Female sex AND Age 212y AND History of sexual contact AND Menarche , AND Suspicion of pregnancy AND Pregnancy lest Negative		No		Conditional	Safe sex counselling	New		Same	IMAI 2009 p.43	

Complaint	DIAGNOSIS	ePOCT+ DYN TZ Algo Male sox	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines List for Children and Adolescents 2018 (STGC 2016), or IMCI 2014 (TZ IMCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Balanitis	Mate sex AND Penile redness / swelling OR Genital irritation / pain AND Penile redness / swelling on examination		No	Balanitis symptomatic care	Conditional	Balanitis symptomatic care No inpatient referral needed: Reasons to return to clinic	New	Added. Not in BMCI or Tanzanian guidelines	NEW		Common but beingin conditions with a prevalence up to 20% and can be treated symptomatically by gentle cleaning and hygiene counseling (Perkins et al., 2020) Other references (The Royal Children's Hospital, 2018; Tews & Singer, 2020)
	Pelvic Inflammatory Disease	Female sex AND Age ≥12y AND History of sexual contact AND Lower abdominal pain AND Abnormal vaginal discharge		Yes (if febrile)	Ceftriaxone IM, Doxycycline PO, Metronidazole PO, and Paracetamol PO		Safe sex counselling	New	Celtriaxone only for one dose, for outpatient treatment, prolonged treatment if referred.	Adapted	STGC 2018 p. 302, STGA 2018 p. 156	PD is a clinical diagnosis and patients can commonly be managed as outpatients, with the goal to prevent or reduce risk of subsequent infertility, pelve scaring; chronic pain or eclopic pregnancy (Bugg et al., 2016). Treatment recommendation include i.m. cephalosporin, doopspluce and metronidazole (Curry et al., 2019). CDC (SI CY 2003).
	Presumed Primary Syphilis	Genital lesion AND Age ≥12y AND History of sexual contact AND Primary syphilis lesion AND Syphilis rapid test unavailable		No	Benzathine Penicillin IM (2nd line Doxycycline)	Conditional	Safe sex counselling	New		Same	STGA 2018 p. 164	Treatment (CDC(Workowski 2015))
	Primary syphilis	Genital lesionAND Age ≥12y AND History of sexual contact AND Primary syphilis lesion AND Syphilis rapid test positive		No	Benzathine Penicillin IM (2nd line Dosycycline)	Conditional	Safe sex counselling	New	Added Syphilis rapid test if available	Adapted	STGA 2018 p. 164	Treatment (CDC[Workowski 2015])
	Genital herpes	Genital lesion AND Age ≥12y AND History of sexual contact AND Genital HSV lesion		No	Acyclovir PO	Conditional	Safe sex counselling	New		Same	STGC 2018 P. 308	
	Inguinal Bubo (LGV/Chancroid)	Age ≥12y AND History of sexual contact AND Inguinal Bubo Male sex AND Age ≥12y AND History of sexual		No	Azythromycin PO, Doxycycline PO	Conditional	Safe sex counselling	New		Same	STGC 2018 P. 310 / STGA 2018 p.162	
	Urethral Discharge syndrome	contact asked AND Urethral discharge		No	Ceftriaxone IM, Doxycycline PO	Conditional	Safe sex counselling	New	Switched Cefixime for ceftriaxone (cefixime rarely available in primary health facilities)	Adapted	STGC 2018 P. 297 / STGA 2018 p.155	Treatment (CDC [St Cyr 2020], CDC [Workowski 2015])
	Vaginal Discharge syndrome	Female sex AND Age 2129 AND History of sexual contact asked AND Abcomman vaginal discharge AND NOT Fever AND NOT Cottage-cheese-like/curdlike discharge	Pelvic Inflammatory Disease	No	Ceffriaxone IM stat, Doxycycline PO , and Metronidazole PO	Conditional	Safe sex counselling	New	Switched Cefixime for ceftriaxone (cefixime rarely available in primary health facilities)	Adapted	STGC 2018 P. 297 / STGA 2018 p.155	Treatment (CDC (St Cyr 2020), CDC (Workowski 2015))
	Vaginal Candidiasis	Female sex AND Age ≥8y AND Abnormal vaginal discharge AND Cottage-cheese- like/curdlike discharge AND NOT Fever		No	Clotrimazole cream 1% (genital) (2nd line Fluconazole PO)	Conditional		New	None	Same	STGA 2018 P. 173	
	Vulvovaginitis	Female sex AND Age 254m AND No History of sexual contract asked if 12 ty sears) AND Genital itching / burning OR Abnormal vaginal discharge OR Dysuria discharge OR Dysuria NOT Fever AND Non-pathological urine analysis (performed in those with dysuria)	Vaginal candidiasis	No	If no improvement after hygiene counselling: PO Metronidazote 20mg/kg/day divided into 2 doses for 7 days [10mg/kg/dose two times a day x 7d]	Conditional	Vulvovaginitis care No inpatient referral needed: Reasons to return to clinic	New	Part of vaginal discharge syndrome in Tanzania Slandard Treatment guidelines P. 288, however this diagnosis separates conditions that are not due to STs. Most cases of bacterial vaginitis resolve spontaneously with hygiene counseling, reatment therefore withfield to only those with persisting symptoms despite modification to hygiene.	Adapted	STGC 2018 p. 298	Joishy et al. BMJ 2005; Eckert, Linda, NEJM, 2006
	Inguinal hernia	Male sex AMO Painful swelling of groin (symptom) AMO Inguinal / groin tenderness on examination		IF severe pain / reduction not possible - urgent; otherwise - specialist outpatient (surgical)	PO Placeclatenol 40-80 mg/Kg/stay divided into 4 doses x 2-5 days [10- 20mg/kg/stay four times a day x 2-5d] Manual reduction of hemia	Conditional	IF severe pain or reduction of hernia not possible: Refer urgently for inpatient management IF severe pain or reduction of hernia possible: Refer for specialized outpatient management: Surgical	New	In line with STGC	Same	STGC 2018 p. 236	Manual reduction of hemia is safe and effective as initial management (East et al., 2020)
	Suspected Testicular Torsion	Male sex AND Genital problem AND Scrotal pain AND Testicular tenderness		Yes - urgent	Pre-referral PO Paracetamol 40-80 mg/Kg/day divided into 4 doses x 2-5 days [10-20mg/kg/dose four times a day x 2-5d] Manual detorsion of testis	Refer urgently for inpatient management Referral		New	In line with IMAI 2009	Same	IMAI 2009 p.27	Urological history and physical examination including identification of unilateral painful and hard/swelling testis is highly accurate for diagnosis of suspected torsion for non-urological provider (Sheth et al., 2016) and prosperative manual detorsion can improve surgical salvage therapy (Cabral Dias Filho et al., 2017)
Ear/Nose/ Mouth/Thr oat	Mastoiditis	Ear problem AMD			Per-external: W. Ampcillin 200mg/Kg/day divided in 4 doses for 1 days [50mg/kg/dose four times a day x-1g/AkD. W. Ampcillin 200mg/Kg/day divided into 1 dose for 1 days [7mg/kg/dose daily x 1g/AkD. W. Seetmanich 7mg/kg/day divided into 1 dose for 1 days [7mg/kg/dose daily x 1g/AkD. M. Seetmanich 7mg/kg/day divided into 1 dose for 1 days [50mg/kg/dose daily x 1g/1] Olic Ciprofloxacin 0.3% ear drops x 3 drops, bvice a day for 10 days PO Paracetamic 40-80 mg/kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose for times a day x 2-5g/1]		Refer urgently for inpatient management	New	None	Same	In line with STGA 2018 p.218, and IMCI 2014, and IMCI TZ 2020	
	Complicated Acute Ear Infection	Ear problem AND (Ear discharge <14 days OR Ear Pain AND (Bilateral ear pain AND age <24m) OR severe comortivo times a dayity OR measles rash)	Mastoiditis	No	PO Amosicillin HD 75-100mg/Kgiday divided in 2 doses for 5 days [37.5- 50mg/Kgidose two times a day x 5d] (if Amox not available) PO Authromycin 10mg/kgiday in 1 dose for 3 days (10mg/Kgidose daily x 3d) PO Paracetamid 40-80 mg/Kgiday divided into 4 doses for 2-5 days [10- 20mg/Kgidose four times a day x 2-5d]	Conditional	Dry the ear by wicking (if ear discharge present) No inpatient referral needed: Reasons to return to clinic	New	Antibiotics only to selected patients with complicated acute offits media	Adapted	STGA 2018 p. 217 / STGC 2018 p. 242	Cochrane review identified 13 RCTs (1401 children and 3998 acute offils media episodes) from high recome countries, and found that antibiotics often have little benefit (Vereixamp, Sanders, Garactu, Del Mar, Sormo, 2015), Marguidelme secomment of sentral antibiotic (Sandou, Del Mar, Sormo, 2015), Marguidelme secomment of sentral antibiotic (Sandou, Del Mar, Sormo, 2015), Marguiden secondario sentral antibiotic sentral sentral sentral sentral sentral sentral sentral sentral sentral (Leiberhal et al., AAP, 2013)
	Uncomplicated Acute Ear Infection	Ear problem AND Ear Pain	Mastoiditis / complicated acute ear infection / Mumps / Dental abscess	No	Olic Ciprofloxacin 0.3% ear drops x 3 drops, twice a day for 10 days PO Paracetamod 40-80 mg/Kg/day divided into 4 doses for 2.5 days [10- 20mg/kg/dose four times a day x 2-5d] Dry the ear by wicking	Conditional	No inpatient referral needed: Reasons to return to clinic Explain why oral antibiotics are not useful for this patient	New	As above	Adapted	STGA 2018 p. 217 / STGC 2018 p. 242	Ao above
	Complicated Chronic Ear Infection	Ear problem AND Ear discharge >14 days AND Hearing loss OR Ear foreign body	Mastoiditis	Yes - to ear specialist	Olic Ciprofloxacin 0.3% ear drops x 3 drops, twice a day for 14 days PO Paracetamol 40-80 mg/kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-5d]	Conditional	Refer for specialized outpatient management: Ear, nose, and throat	New	Added based on expert panel to identify those that need outpatient specialized management	Adapted	STGA 2018 P. 218 / STGC 2018 P. 256 / IMCI 2014	

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Complair	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines, Standard Treatment Guidelines and Essential Medicines List for Children and Adolescents 2018 (STGC 2018), or IMCI 2014 (TZ MCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCIAMAI Guidelines	Additional references
	Chronic Ear Infection	Ear problem AND Ear discharge >14 days	Mastoiditis / complicated chronic ear infection		Olic Ciprofloxacin 0.3% ear drops x 3 drops, latrice a day for 14 days PO Paracetamol 40-80 mg/Kgiday divided into 4 doses for 2-6 days [10-20mg/kgidose four times a day x 2-6d]	Conditional	No inpatient referral needed: Reasons to return to clinic Dry the ear by wicking Explain why oral antibiotics are not useful for this patient	New	Only topical antibiotics in line with IMCI 2014	Same	STGA 2018 P. 218 / STGC 2018 P. 256 / IMCI 2014	
	Foreign body in ear	Ear problem ARM Suspicion of foreign body in ear ARD Foreign body seen in ear		IF unable to remove object OR object not visible	Removal of object if possible If Issian seen: Olic Ciprofloracin 0.3% ear drops x 3 drops, twice a day for 10 days	Conditional	If unable to remove oject: Refer for specialized outpatient management: Ear, nose, and throat If able to remove object: No inpatient referral needed: Reasons to return to clinic	New	In line with STGC 2018	Same	STGC 2018 p.249	
	Dental Abscess	Mouth or Tooth problem AND Tooth pain AND Dental abscess seen		Yes - to dentist	IF Feez: Orochamoscillin/Clavulanic acid 80-100mg/kg/day divided into 2 doses for 7-14 days (16-50mg/kg/dose) kno limes a days 7-14-di Java (16-50mg/kg/dose) kno limes a days 7-14-di PO Paracetamol 40-80 mg/kg/day divided into 4 doses for 2-6 days [10-20mg/kg/dose flore times a days 7-24-di Demit allocates circulation 40-80 mg/kg/day divided into 4 doses for 2-6 days [10-20mg/kg/dose flore times a days 2-24-di Demit allocates circulation 40-80 mg/kg/day divided into 4 doses for 2-6 days [10-20mg/kg/dose flore times a days 2-24-di Demit allocates circulation 4 days greater and the doses for 2-6 days [10-20mg/kg/dose flore times a days 2-24-di Demit allocates circulation 4 days greater and days 2-days [10-20mg/kg/dose] days greater and gre	Conditional	Dental abscess drainage and incision Refer for specialized outpatient management: Dentist	Adapted	Amostcillin given without metronidazzole in non severe cases	Adapted	STGC p. 206	Chow, 2020
	Tooth pain	Mouth or Tooth problem AND	Dental abscess	Yes - non-urgent to dentist		Conditional	Refer for specialized outpatient management:	New	Generic diagnosis for multiple diagnoses except abscess needing referral for dental care (Dental caries, dental trauma)	Same	STGC 2018 p.182 and 185	
	Oral aphthous ulcers	Tooth pain Mouth pain OR Eating less than usual OR Sore throat AND Mouth ulcers (painful, shallow) OR Herpangina (vesicles in mouth)		No	PO Paracetamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10- 20mg/kg/dose four times a day x 2-5d] Topical Gentian Violet (half strenth - 0.25%) two times a day for 5 days	Conditional	Dentist Oral aphtous ulcer advice No inpatient referral needed: Reasons to return to clinic	NEw	In line with IMCI 2014 guidance for oral aphlous ulcers	Same	In line with IMCI 2014	
	Oral Candidiasis (Oral thrush)	Mouth / tooth problem OR (2m-5y) Eating / breastfeeding a lot less than usual (asked within CC General) AND White plaques in the mouth		No	PO Nystatin 100,000IU four times a day for 14 days (susp) 14/7 (if Nystatin not available) PO Micronazole 2% 5mit twice a day for 14 days IF HIN; mainutrition; failed nystatin Tic PO Fluconazole 6-12mg/Kg/day in 1 dose for 7 days (6-12mg/kg/dose daily x7 d)	Conditional	No inpatient referral needed: Reasons to return to clinic Oral thrush/candidiasis counselling if mother is breastfeeding the child	New	In line with STGA 2018	Same	STGA 2018 P. 237	
	Bacterial Acute Pharyngitis	Age ≥3 y AND Sore throat AND Cape Town Clinical Decision Rule score ≥3 points (Tonsillar swelling = 2 [mandatory]/ Tonsillar exudate = 1 / No cough = 1 / No runny nose = 1)		No	P.O. Amoucillin SümgiKgüday divided in 2 doses for 5 days [25mgKgüdose two times a day x.50 [if Amoucillin 10 Polenicillin V 100mgkgüday divided in 2 doses for 5 days [50mgkgüdose two times a day x.50] P.D. Paracetamel 40.80 mgKgüday divided into 4 doses for 2-5 days [10- 20mgkgüdose for times a day x.50]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	Use of Cape Town Clinical decision rule as selected by TZ expert panel to decide who should receive antibiotics	Adapted	STGC 2018 P. 248	Cape Town Clinical Decision Rule (Engel et al., 2017)
	Viral Acute Pharyngitis	Age ≥3 y AND Sore throat AND Cape Town Clinical Decision Rule score <3 points (Tonsillar swelling = 2.7 Tonsillar endate = 17/No cough = 17/No unray noze = 1)		No	PO Paracelamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg)dose four times a day x 2-5d]	Conditional	Common cold or upper respiratory tract infection: Symptomatic care No inpatient referral needed: Reasons to return to clinic Explain why oral antibiotics are not useful for this patient	New	As above	Adapted	STGC 2018 P. 248	
	Complicated Neck mass	Neck mass ≥3cm OR Neck mass ≥4 weeks		Yes - specialist outpatient (including TB investigation)	IF Fever: PO Ampiciox 50-150mg/kg/day dhidded in 3 doses for 1 days [17-50mg/kg/dose three times a day x 10] (If Ampiciox not analysis) PO Azithromycin 10mg/kg/day in 1 dose for 1 days [11mg/kg/dose daily x 10]		Withold antibiotics before TB assessment if possible Refer for specialized outpatient investigation: neck mass	Adapted	Added. Not in IMCI or Tanzanian guidelines; however in IMCI TZ 2020 looking for lymph nodes is part of the screening process for tuberculosis	Adapted	IMCI TZ 2020	Meier et al. Am Fam Physician 2014
	Uncomplicated infectious lymphadenitis	Neck mass <3cm AND Neck mass <4 weeks AND Local tenderness or redness	Bacterial or viral acute pharyngitis	No	IF Fever: PO Ampicios 50-150mg/kg/day divided in 3 doses for 10 days [17-50mg/kg/dose three times a day x 10-8] (if Ampiciox not suitable) PO Astithromycin 10mg/kg/day in 1 dose for 10 days [10mg/kg/dose daily x 10-9] PO Paracetamar 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-5-d]	Conditional	No inpatient referral needed: Reasons to return to clinic	Adapted	Added. Not in BICI or Tanzanian guidelines	NEW	Added. Not in IMCI or Tanzanian guidelines	Meier et al. Am Fam Physician 2014
	Uncomplicated lymphadenopathy	Neck mass <3cm AND Neck mass <4 weeks AND NO Local tendemess or redness	Bacterial or viral acute pharyngitis	No	PO Paracetamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10- 20mg/kg/dose four times a day x 2-5d]	Conditional	No inpatient referral needed: Reasons to return to clinic	Adapted	Added. Not in IMCI or Tanzanian guidelines	New	Added. Not in IMCI or Tanzanian guidelines	Meier et al. Am Fam Physician 2014
	Mumps	Cheek swelling AND Suspicion of mumps		No	PO Paracetamot 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-5d]	Conditional	Common cold or upper respiratory tract infection: Symptomatic care Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic	New	Added based on suggestion by TZ clinical expert panel	New	Not in IMCI or Tanzanian guidelines	Allorecin, 2000
Eye	Bacterial Conjunctivitis	Red eye AND NOT Eye trauma / foreign body AND Sticky eye / purulent discharge from eye	Measies, severe eye disease, corneal abrasion	Yes - if no improvement despite 5 days of antibiotic eye drops	Occular Chloramphenical 0.5% eye drops, 1 drop every 3 hours for 5 days drops, twice a day for 5 days. drops, twice a day for 5 days.	Conditional	If follow-up visit and already 5days of antibiotics completed: Refer for specialized outpatient management: Ophtalmology No inpatient referral needed: Reasons to return to clinic	New	Dic Added No PX foreign body.	Adapted	STGC 2018 P. 178	- Glund-eye / Slick eye good piredictor of bacterial conjunctivitis (van Weert, Tellegen & Ier Riet, 2013) - Systematic review for diagnosis and treatment for red eye (Azari & Barney, 2013) - Systematic review for diagnosis and treatment for red eye (Azari & Barney, 2013) - Systematic review for diagnosis and treatment for red eye (Azari & Barney, 2013) - Systematic review for diagnosis of treatment for red eye (Azari & Barney, 2013) - Systematic red eye (A
	Viral Conjunctivitis	Red eye AND NOT Eye trauma / foreign body AND NOT Sticky eye / purulent discharge from eye AND NOT itchy eye(only ≥5 years)	Corneal abrasion measles severe eye disease	No	Conjunctivitis guidance	Conditional	Conjunctivitis guidance No inpatient referral needed: Reasons to return to clinic	New	Adapted diagnostic criteria from STGC 2018, excludingeye trauma/foreign body, sticky eye and mucopurulent discharge from eye	Adapted	STGC 2018 P. 178	Systematic review for diagnosis and treatment for red eye (Azari & Barney, 2013) Up to 80% of all cases of conjunctivits in the acute setting are due to viral infections and are highly contagious, highlighting the importance of hygiene measures (Azari et al., 2013)

						Followup		Difference with		In line with Tanzania guideline		
Complaint category			Excluded by		TREATMENTS	(always includes reasons to return to clinic)	Management	ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines but for Children and Adolescems 2018 (STGC 2016), or Mici 2014 (TZ MCI 2020), or IMAI 2009	and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional efferences
	Allergic Conjunctivitis	Age ≥5 years AND Red eye AND NOT Eye trauma / foreign body AND NOT Sticky eye / purulent discharge from eye AND itchy eye	Measles, severe eye disease, corneal abrasion	No	Sodium chromoglycate 2-4% eye drops	Conditional		New	No split tamp examination as proposed in STGC.	Adapted	STGC 2018 p. 177	Systematic review for diagnosis and teathered for red pre/ (Asaid & Basery, 2013) -Allergic conjunctions is an increasing conform, effecting plu of 16% of the population in US, and redness with liching are the most consistent symptoms (Asaid et al., 2013). A community lossed skuly in Classifier specified a preventior of 30 % and thus leadinged AC as an entermi- sed control of the Control of
	Orbital Cellulitis	Warm tender swelling around eye / eyelid AND Fever OR Eye pain		Yes - urgent	Pre-eferral: PO Ampicios 50-155mg/kgiday divided in 3 doses for 1 days [17-50mg/kgidose PO Ampicios 50-155mg/kgidose [17-50mg/kgidose] [if ampicios not available) PO Enythromycin 50mg/kgiday divided into 3 doses for 1 days [17/mg/kgidose three limes a day x1d]		Refer urgently for inpatient management	New	Adapted from STGC 2018 to identify preseptal versus orbital cellulitis.	Adapted	STGC 2018 P. 179	Predictors to distinguish preseptal from orbital cellulisis (Elichiasis & Becker, 2017; Sciametta et al., 2017). Acute anisusts is a common childhood disorder, but can progress into complicated conditions with orbital complications accounting from the 185° of all acute sinusits complications (Bushall et 1870). Frompt recognition of both preseptal and orbital cellulisis in required to avoid potential serious sequelaes such as bidroses, inharchanic laterious and even death (Shaill et al., 2010). Châtal cellulisis constituted 6.3° for 4 all coular emergency admissions in a retrospective Nigoriems study in 2012 (Balogum et al., 2015).
	Preseptal Cellulitis	Oedema of eyelid OR Redness / swelling around eye AND NOT Fever AND NOT Eye pain		IF <12 months old	PO Ampiciox 50-150mg/kg/day divided in 3 doses for 10 days [17-50mg/kg/dose three times a day x 10d] (if ampiciox not auxiliable) PO Erythromycin 50mg/kg/day divided into 3 doses for 10 days [17mg/kg/dose three times a day x10d]	Conditional	If <12mth: Refer urgently for inpatient management If >12mth: No inpatient referral needed: Reasons to return to clinic	New	As above	Adapted	STGC 2018 P. 179	Preseptal cellulitis is more common and less severe than orbital cellulitis, and the absence of eye pain on extraocular movement can help to distinguish preseptal cellulitis from orbital cellulitis (Ekhlassi et al., 2017)
	Severe Eye Disease	Clouding of comes OR Severe eye pain OR bleeding of eye OR red eye > 2 seeks OR in- turned eyelashes OR Coss of vision		Yes - IF severe eye pain = urgent / IF NOT severe eye pain = specialist outpatient referral	Occular Obloamphenicoleye diops 14 dop, every 3 hours for 5 days (Chibarmphenic and available) Occular Operfloation 1.03 KeV drops x.3 drops, brice a day for 5 days (The Chibarmphenic All Chib		IF severe eye pain: Refer for specialized outpatient management: Ophsalmology Refer urgently for inpatient management	New	Generic diagnosis for severe eye diseases requiring referral for further expert seasesement including tractroms, referroblastoms, eye injury, congenital glucoms, urelist, and foreign body, injury, british is injury, congenital glucoms, urelist, and foreign body, with its injury, and in child and an analysis of the control of the control of the control of the control conflution with the eyelid edema. Strabbum is included in MICI TZ 2020 but not included there.	YES	STGC 2018 P.164, 165, 170, 172, 175; IMCI TZ 2020	The diagnosis of the entity grouped as "servere eye disease" aims to detect and refer servere condition including Trachoms, Gaucoma, server coaler infection, trawns or inflammation, ha skally from Banglades, the prevailence of coular mortwo times a dayly and childhood blindness was 5.63% (Hussain et al., 2016)
	Corneal Abrasion	Red eye AND Eye trauma / foreign body		IF foreign body present and removal not possible - specialist outpatient	F foreign body - removal of foreign body from eye if possible Ocular Chloramphenicol 0.5% eye drops x1 drop, every 3 hours for 5 days (If Chloramphenical not available) Ocular Optofloxacin 0.3% ear drops x 3 drops, twice a day for 5 days	Conditional	If unable to remove foreign body: refer to outpatient opthalmology No inpatient referral needed: Reasons to return to clinic	New	Adapted from Corneal ulcer in STGC 2018 without the use of slit lamp examination, and IMCI TZ 2020 (eye injury)	Adapted	STGC 2018 P. 171, IMCI TZ 2020	 Corneal abrasion and specifically corneal and conjunctival injury from a foreign body are common coular injury (Jolly et al., 2018; Zimmemans et al., 2019). If the removal of sergion body is possible, the beatherest can be done in an ambulatory setting if seeked and of 2019. Trackman is lingify prevalent in Sub-Saharan Africa (Tayfor et al. Lancet 2014)
Skin	Complicated abscess	Abscess seen AND NOT (+12m did AND Perianal abscess) Fever OR Abscess size 55cm OR Facial abscess OR Large area of narm, pink and lender skin around abscess		IF unable to drain at health facility	PO Ampiclox 50-150mgkgiday divided in 3 doses for 7 days [17-60mg/kgidose there times a day's 100] (if ampicks not analisel PO Enythomycin 50mg/kgiday divided into 3 doses for 7 days [17/mg/kgidose three times a day's 7.6] PO Plearchanted 400 mg/kgiday divided into 4 doses for 2-5 days [10-20mg/kgidose four times a day's 2-56]	Conditional	IF able to drain at health facility: Abcess Care No inpatient referral needed: Reasons to return to clinic IF unable to drain at health facility. Refer for specialized objections are specialized objections are dequate fluid and calonic picke.	Adapted	In line with STGC	Adapted	STGC p. 238	Autibiotics in those with fever or when drainings is not possible. Other signs of SIRS would be captured through other algorithms (Stevens et al. CID, 2014)
	Simple abscess	Abscess seen	Complicated abscess		If unable to drain at health facility PO Ampidox 50.155mg/lighty divided in 3 doses for 7 days [17.50mg/lightose three times a day x 74] (17.40mg/lightose three times a day x 74] (17.40mg/lightose times a day x 74] (17.40mg/lightose times a day x 74] (17.40mg/lightose two times a day x 74] (17.40mg/lightose two times a day x 74] (17.40mg/lightose times a day x 74] (17.40mg/lightose times a day x 74] (17.40mg/lightose times a day x 2.50mg/lightose four times a day x 2	Conditional	IF able to drain at health facility: Abcess Care No inpatient referral needed: Reasons to return to clinic Ensure adequate fluid and calorie intake	Adapted	Only antibiotics for complicated abscess or those for which drainage is not possible.	Adapted	STGC p. 238	dem
	Complicated cellulitis	Cellulitis seen AND Facial cellulitis OR Severe pain around OR Size ≥2x child's paim OR Danger sign OR No improvement after 72hrs of antilitiotics		Yes - for evaluation for parenteral antibiotics	Pro-enferral Po Ampicios 50:150mg/kg/day divided in 3 doses for 1 days [17-50mg/kg/dose three times a day x 1-0] (if Ampiciox not available) PO Enthromycin 50mg/kg/day divided into 3 doses for 1 days [17mg/kg/dose three times a day x 1-0] PO Paracelamal 40:100 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-5d]		Ensure adequate fluid and calorie intake Refer for evaluation for parenteral antibiotic TT	Adapted		Yes	STGC p. 251	
	Uncomplicated Cellulitis	Cellulitis seen AND NO Abscess seen	Complicated cellulitis	No	PO Ampicious 50-150 mg/kg/day divided in 3 doses for 7-14 days [17-50 mg/kg/dose three lines a day x 7-14d] [If Ampicious nationable) PC Erythomypin S0mg/kg/day divided into 3 doses for 7-14 days [17mg/kg/dose three limes a day x 7-14d] PO Paracetamid 40-100 mg/kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-5d]	Conditional	Ensure adequate fluid and calorie intake No referral: Follow up in 7 days	Adapted	IV antibiotics only for severe/complicated cases, the rest would be treated with PO antibiotics.	Adapted	STGC p. 251	Oral artibiotics appropriate for uncomplicated cellulitis (Slevens et al. CID, 2014)
	Severe complicated measles	Measter rish seen Carger sign OR S-AMD returnation OR Deep / editentive modiful stores OR Clouding of the corres OR Severe mainful not R-Severe persurence Chest indrawing presumons OR HPV OR Cerebral paley OR Sickle cell		Yes AND Report (notifiable disease)	and American 200mp/gibbs divided in 4 doses for 1 days [10mg/kg/dose four times a day x.10 mg/kg/day divided into 1 dose for 1 days [7 mg/kg/day divided into 1 dose for 1 days [7 mg/kg/day divided into 1 dose for 1 days [7 mg/kg/day divided into 1 dose for 1 days [7 mg/kg/day divided into 1 dose for 1 days [50mg/kg/dose day x.10] PO Paracetamid 40-00 mg/kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four four a day x.10] Finough utders: Topical Gerlinar Volet (half strength - 0.25%) for inside mouth best fines a day in 2-60. Fin par form eya and clouding of ormac Cocalar Tetascycline eye drops x.1 Fin Vill A list activity, and coal arready on: PO Vttamin A (treatment) 2-3 doses Day 0.4 1.8 (if comes clouding) 14 - (Fined doses-Age «Gmth = 50.000L/) 6-7-10m - 100.000L/) = -7-10m - 20.000L/)		Report for surveillance data Refer urgently for inputient management	Adapted	In line with IMCI 2014, IMCI TZ 2020	Yes	STGC p. 324, IMCI 2014, IMCI TZ 2020	

Complaint category	DIAGNOSIS	ePCCT+ DYN TZ Algo	Excluded by	Roferral	THEATMENTS PO Paracelarmol 40-100 mg/kg/day divided into 4 doses for 2.5 days (10.	Follow-up (always includes reasons to return to dirrie)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Culdelines and Exempted Medicines List for Debutters and Adolescents 2018 (STOC 2018), or Mich 2014 (TZ Mich 2025), or MAX 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpate (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Measles with eye or mouth complications	Measles rash seen AND en AND en AND en AND en AND en AND en AND Mouth uicers (NOT deep / extensive) OR (Pus draining from eye AND NO clouding of cornea)		No Report (notifiable disease)	20mg/kg/dose four times a day x2-5d] IF mouth side-ris: Topical Gerdiss Notel (half strength -0.25%) for inside mouth but times a day for the source of the strength -0.25% for inside mouth too times ad up to find the strength of the stre	Conditional	Ensure adequate fluid and calorie intake Report for surveillance data Explain why oral antibiotics are not useful for this patient	Adapted	In line with IMCI 2014, IMCI TZ 2020	Yes	STGC p. 324, IMCI 2014, IMCI TZ 2020	
	Non-severe measles	Measies rash seen	Severe complicated measles Measles with eye or mouth complications	No Report (notifiable disease)	PO Paracetamol 40-80 mg/Kg/stay divided into 4 doses for 2.5 days [10-20mgkg/dose four times a day x 2.5d] Fin ovit A in last month, and not already on RUTF: PO Vitamin A (restment) 2 doses - Day 1.4 2 (Fixed dose: Age -40min = 50,000 t/ 6-412min = 100,000 t/ 7-412min = 200,000 t/ 7	Conditional	Explain why oral antibiotics are not useful for this patient Report for surveillance data Ensure adequate fluid and calorie intake	Same	In line with IMCI 2014, IMCI TZ 2020, and STGC	YES	STGC p. 324, IMCl 2014, IMCl TZ 2020	
	Complicated chicken pox	Chicken pox lesions AND HIV OR <-32-score WFAWFH OR <-11.5cm MUAC OR Cellulitis OR Severe pneumonia OR chest indrawing pneumonia)			PO Acyclovir (chicken pox) 80.80mg/kg/day divided into 3 doses for 5 days [27mg/kg/dose three times a day x 5d] PO Paracetamal 40.80 mg/Kg/day divided into 4 doses for 2.5 days [10-20mg/kg/dose four times a day x 2.5d] Topical Calismine lotion application x1, daily for 5 days		Refer urgently for inpatient management	Adapted	Identified particular patients that could benefit from acyclovir treatment	Adapted	STGC p. 259	
	Uncomplicated chicken pox	Chicken pox lesions	Complicated chicken pox	No	PO Passociational 40-80 mg/Kg/stay divided into 4 doses for 2-5 days [10-20mg/kg/stose four times a day x 2-5d] Topical Catamine lotion application x1, daily for 5 days	Conditional	Explain why oral ansibiotics are not useful for this patient Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic Skin hygiene precautions	Same	in line with STGC	YES	STGC p. 259	
	Non specific viral rash	Non-specific viral rash seen		No	PO Paracetamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10- 20mg/kg/dose four times a day x 2-5d]	Conditional	Ensure adequate fluid and calorie intake Non specific viral rash guidance	New	Added. Not in IMCI or Tanzanian guidelines	NEW		Non-specific wiral rash in childhood is common, mostly hammless and self limiting (Knöpfel et al., 2019). In a study reviewing 347 pediatric dermatology consultations in the pediatric emergency department, the most common condition was associated with an infectious disease (Moon et al., 2016,
	Scarlet Fever	Age >=12m AND Scarlet fever rash seen		No	PO Amoxicillin 50mg/Kg/day divided in 2 doses for 5 days [25mg/Kg/dose two times a day x.6] (if Amox not awailable) PO Pencillin V 100mg/kg/day divided in 2 doses for 5 days [50mg/kg/dose two times a day x.6] PO Paracetamal 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x.2-6]	Conditional	No inpatient referral needed: Reasons to return to clinic Ensure adequate fluid and calorie intake	New	Added. Not in IMCI or Tanzanian guidelines	NEW		The burden of Group A Streptococci (GAS) sequelae including rheumatic lever and rheumatic treart desses is high in Sub-Saharan Africa (DeVilyer et al., 2009), A prospective Tranzminal along the strength of the diagnosed in children with uncomplicated freet (Cifwig et al., 2016).
	Anaphylaxis	Urticarial lesions seen AND Danger signs OR Respiratory distress OR Anaphylaxis		Yes	Pre-referral M Epineprine 0.01mg/Kg x 1.0see pre-referral M Epineprine 0.01mg/Kg x 1.0see pre-referral Fyembr. PO Celinizine PO daily for 1 days (Fixed dose: 6mth-2yr = 2.5mg / 2-5yr = 5mg) (if Celinizine not available & Age >=2yr) PO Chlorpheniramine 2mg twice a day for 1 days		Refer urgently for inpatient management	New	Adapted to STGA and STGC	Adapted	STGA p. 179	Specified diagnostic criteria based on the Second National Institute of Allergy and Infectious Diseases/Food Allergy and Anaphylasis Network symposium (Sampson et al. 2006).
	Urticaria	Urticarial lesions seen	Anaphylaxis	No	IF ≥6 months: PO Cetirizine PO daily for 1-5days (Fixed dose: 6mth-2yr = 2.5mg / 2-5yr = 5mg) (if Cetirizine not available & Age >=2yr) PO Chlorpheniramine 2mg twice a day for 1-5 days	Conditional	No inpatient referral needed: Reasons to return to clinic	Same	In line with STGC	YES	STGC p. 266	
	Eczema (Atopic dermatitis)	Eczematous lesions seen		No	Topical Hydrocortisone 0.5-1% twice a day for 14 days. (If Hydrocortisone not available) Topical Betamethason 0.1% twice a day for 14 days.	Conditional	Eczema guidance No inpatient referral needed: Reasons to return to clinic	Same	Same as Tanzanian standard treatment guideline but no anti-histamine.	YES	STGC p. 265	No anti-histamine based on cochrane review (Matterne et al. 2019)
	Heat rash (Milliaria crystallina/rubra)	Heat rash seen		No		Conditional	Heat rash guidance No inpatient referral needed: Reasons to return to clinic	New	Added. Not in IMCI or Tanzanian guidelines	NEW		Militaria are self limiting or require symptomatic therapy and are caused by sweat retention (Zuniga et al., 2013)
	Diaper rash	Diaper rash			Topical Potassium Permanganate 1:4000 (0.025%) 50mt twice a day for 7 days (if Potassium permanganate not available) Topical Clotrimazole 1% every 6 hours for 7 days	Conditional	No inpatient referral needed: Reasons to return to clinic Diaper rash guidance	New	No particular treatment, as there is no evidence based on 2005 cochrane review.	Adapted	STGC p. 254	No study that supported the treatment of diaper rash in 2005 cochrane review (Davies et al. 2005)
	Complicated Impetigo	Impetigo OR Bullous Impetigo OR Ecthyma lesion AND Fever OR Lesion size > 1x patient's palm		No	PO Ampticus 60-150mg/kg/day virided in 3 doses for 5 days [17.50mg/kg/days these times ad spx 5,0 p) PO Epythomytis Somg/kg/day virided in 3 doses for 5 days [17.0mg/kg/days three times aday x5] 6 days [17.0mg/kg/days three times aday x5] 6 days [17.0mg/kg/days three times aday x5] 6 days [17.0mg/kg/days three aday x5] 6 days [17.0mg/kg/days thr	Conditional	Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic Skin hygiene precautions	New	Limit investigations as appropriate to primary care (no culture, FBP or CRP), management globally in line with STCC.	Adapted	STGC p. 252	Criteria for coal antibiosic treatment (Stevens et al. 2014, Raff et al. 2016)
	Uncomplicated Impetigo	Impetigo OR Bullous Impetigo OR Ecthyma lesion AND NO Fever AND Lesion size <1x patient's palm		No	= x2mit: Topical Potassium Permanganate 1.4000 (0.025%) 50ml twice a day for 5 days. (if Potassium Perm not available) Topical Mupirocin 2% twice a day for 5 days PO Paracetamel 40-80 mg/kg/day divided into 4 doses for 2-5 days [10- 20mg/kg/dose for times a day x 2-5 ml.	Conditional	No inpatient referral needed: Reasons to return to clinic Skin hygiene precautions	Adapted	Limit investigations as appropriate to primary care (no culture, FBP or CRP), management globally in line with STGC.	Adapted	STGC p. 252	See above
	Extensive folliculitis	Folliculitis seen AND Extensive skin disease		No	PO Ampticut S0-150mg/largicary livided in 3 doses for 7 days [17-50mg/kg/dose three firmes a day; 7:0] (if Ampticut not available) PD Enythromycin 50mg/kg/day divided into 3 doses fo 7 days [17mg/kg/dose three filmes a day /7:0] IF =>2y; Topical Gentlan Violet [full stength - 0.5%) livice a day for 7 days [G-Gmillan Violet not available) Topical Silver Sulfadiazine 1% to affected area.	Conditional	No inpatient referral needed: Reasons to return to clinic	New	No gram stain, culture and sensitivity in line with routine care at primary care. Differentiation between those needing antibiotics and those not.	Adapted	STGC p. 253	Uncomplicated folliculitis can be treated topically, extensive folicitis or furuncies with oral antibiotics (Shilberg et al., 2002). Treatment of choice are best-inclams, which are beneficial even in regions when community
	Folliculitis	Foliculitis seen	Extensive folliculitis	No	Fire > Zentit: Topical Potassium Permanganate 1:4000 (0.025%) 50ml twice a day for 4 days. Here's 2-yer Topical Gentian Viclet (full strength - 0.5%) twice a day for 5 days (if Gentian Viclet not available) Topical Silver Sulfadiazine 11% to affected area futice a day for 5 days.	Conditional	No inpatient referral needed: Reasons to return to clinic	Adapted	No gram stain, culture and sensitivity in line with routine care at primary care. Differentiation between those needing antibiotics and those not.	Adapted	STGC p. 253	See above

Complaint category	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines: List for Children and Adolescents 2018 (STGC 2016), or IMCI 2014 (TZ IMCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Molluscum contagiosum	Molluscum contagiosum seen		No		Conditional	Molluscum contagiosum guidance	New	In line with STGC	YES	STGC p. 261	Treatment. (van der Wouden et al. 2017)
	Herpes simplex - Oral Lesions (Herpes labialis)	Oral herpes simplex seen		No	FHM I severe malnutrition: PO Acyclovir (18V) 80 mg/kg/day divided into 3 doses for 5 days [27 mg/kg/dose three times a day x 56] PO Paracetamol 40-80 mg/kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-56]	Conditional	Ensure adequate fluid and calorie intake No inpatient referral needed: Reasons to return to clinic Skin hygiene precautions	Adapted	Identified particular patients that could benefit from acyclovir treatment	Adapted	STGC p. 259	Topical acyclovir, penciclovir or docosand not effective for herpes simplex labialis (Nammer et al. 2018)
	Generalized (extensive) Tinea corporis	Tinea corporis lesions seen AND Extensive skin disease		No	PO Griseofulvin 20mg/Kg/day in 1 dose for 42 days [20mg/Kg/dose daily x42d] (if Griseofulvin not available) PO Fluconazole 6mg/Kg/day in 1 dose for 42 days [8mg/Kg/dose daily x 42d]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	If extensive and generalized, treat with po antifungal instead of topical.	Adapted	STGC p. 256	Treatment of tinea corporis (Sahoo et al. 2016)
	Tinea corporis	Tinea corporis lesions seen AND NOT Extensive skin disease		No	Topical Clotrimazole 1% every 6 hours for 28 days (If Clotrimazole not available) Topical Benzoic Acid 3-6% twice a day for 28 days	Conditional	None	Same	In line with STGC	YES	STGC p. 256	Treatment of tinea corporis (Sahoo et al. 2016)
	Tinea Capitis	Tinea capitis lesions seen		No	PO Griseofulvin 20mg/Kg/day in 1 dose for 42 days [20mg/Kg/dose daily x42d] (if Griseofulvin not available) PO Fluconazole 6mg/Kg/day in 1 dose for 42 days [6mg/Kg/dose daily x 42d]	Conditional	No inpatient referral needed: Reasons to return to clinic	Same	In line with STGC	YES	STGC p. 257	Treatment of tinea capitis (Chen et al. 2016)
	Scables	Scables rash seen		No	Topical Bernyl benzoate 25% once, then repeat in 1 week (if benzyl benzoate or available) Topical Malathian 0.5% (50ml) in one dose an wash off after 8 to 12 hours. Perform another application after two weeks in children with rtVIV. PO Paracetamni 40-80 mg/Kgiday divided into 4 doses for 2-5 days [10-20mg/kgidos four times a day x 2-5d]	Conditional	No inpatient referral needed: Reasons to return to clinic Scabies and lice household management advice	Same	In line with STGC	YES	STGC p. 262	Diagnosis and treatment of scables (Thompson et al. 2017; Sunderkotter et al. 2016; Engelmann et al. 2020)
	Pediculosis (Head lice)	Head lice seen		No	Topical Benzyl benzoate 25% to dry hair for 10-minutes and then rinse off. Repeat second application 1 week against the second application 1 with a (if benzyl benzoate not available) Topical Malathion 0.5% (20ml) to dry hair for 8 to 12 hours before washing off. Repeat second application 1 week apart.	Conditional		New	In line with STGC	YES	STGC p. 263	
Trauma / Accident / Burns / Wounds / Fire exposure Pain	Osteomyelitis/septic arthritis	Musculo-skeletal pain or swelling (bone or joint paintswelling) OR limping OR unable to use extremity of the control of the co		Yes - urgent	Pre-referral: MMV Celtisance HD 100mg/kg/day divided into 1 dose for 1 days (100mg/kg/daxe HD 100mg/kg/day divided into 1 dose for 1 days (100mg/kg/daxe HD 100mg/kg/day divided in 2 doses for 1 days [50mg/kg/dose lave times a day x1d] PO Passcelamid 40-80 mg/kg/day divided into 4 doses for 1 days [10- Zimg/kg/dose for lams a day x1d]		Refer urgently for inpatient management	Adapted	Same diagnostic prediction including use of CRP, however different TT adapted to peripheral health facilities. (STGC 2018)	Adapted	STGC p. 78	use of CIPO's as sensitive test for diagnosis of infectious cause of bones in children (Pettola et us. ACLA) 2019 (sensitive terre proven specificial) (victoria 2000). CIPO included in the Tanzanian standard medical laboratory equipment list at the dispensary and health centre level (MCH, 2018).
	Chronic limp or joint pain	Missalo skeletal pain or swelling (bone or joint pain/swelling) OR limping OR unable to use ostnemity of the original		Yes - specialist outpatient	PD Passacetamod 40-80 mg/Kg/day divided into 4 dozes for 2-5 days [10-20mg/kg/doze four times a day x 2-56]	Conditional	Refer for specialized outpatient consultation: Orthopedics	New	Added Not in BACI or Tanzanian guidelines	NEW		Out-off time for acute vs. chronic timp 2 weeks (Pelbola et al., NEJM 2014). Chronic limp DD include Juvenile Idepatitic Arthritis with an incidence rate varying between 1.8 to 23 and interest and the control of the
	Acute limp or joint pain	Missalo ektetal pain or sevelling (bone or joint pain/sevelling) OR limping OR unable to use ostnemity of the order of t		No	PO Passcelamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10-20mg/kg/dose four times a day x 2-56]	Conditional	No inpatient referral needed: Reasons to return to clinic	New	Added. Not in IMCI or Tanzanian guidelines	NEW		Acute timp in children is a common complaint with an incidence of 1.8 per 1000, and transient synontis, which requires symptomatic therapy only, is the main cause (Facther et al., 1999) after exclusion of high inflammatory marker and/or fever (Kim et al., 2002)
	Complicated deep wound	Deep wound AND Bite wound OR Wound infection OR Fewer OR Uncontrolled bleeding		If rables risk: specialist OP (rables) (rables) (rables) If > % TBSA, motor deficit, signs severe infection, or persisting fewer or no improvement despite antibiotic refer for urgent impatient management	(if Co-AmoxClav not avail) PO Erythromycin 50mg/kg/day divided into 3 doses	Conditional	Wound care Telanus vaccine if incompiete If NO risk of rabbs, complicated deep wound needing referral, or persisting teland insprovement of wound inter-72th antibiotics: Roler ungenity for provement of wound insprovement	Pilesso	Adapted from General Management of Trauma in STGA	Adapted	STGA p.255	Wound management (Black et al. 2015; World Health: Organization, 2010)
	Uncomplicated deep wound	Deep wound AND NO Bite wound with NO Bite wound AND NO Sign of wound infection AND NO Fever AND NO Uncontrolled bleeding		If suturing needed and not possible - refer specialist OF	PD Passociamod 40-80 mg/Kg/day divided into 4 doses for 2-6 days [10-20mg/kg/dose four times a day x 2-56]	Conditional	Wound care Tetanus vaccine if incomplete No inpatient referral needed: Reasons to return to clinic If suturing needed (clean <24hrs. dirty <6hrs) and suturing possible: suture	New	Adapted from General Management of Trauma in STGA	Adapted	STGA p.255	Wound management (Black et al. 2015; World Health Organization, 2010)

Complaint category	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines, Standard Treatment Guidelines and Essential Medicines List for Children and Adolescents 2018 (STGC 2018), or IMCI 2014 (TZ MCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Complicated superifical wound	Superficial wound Superficial wound on the superficial wound OR Sign of wound intection OR Fever		If rabies risk:: specialist OP (rabies) If persistent fever, no improvement o wound and surrounding skin after >72 hrs antibiotics -urgent	PO Co-Amoudcillin/Clavulanic acid 80-100mg/kg/day divided into 2 doses for 7-10 days (Ro-Gomg/kg/dase No times a day x 7-10d) in (Ro-Amoudcan Van aley) PO Eightmorn Stomgky/day divided into 3 doses for 7-10 days (Timigk-dase fixes times a day x 7-10d) in (Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-Ro-R	Conditional	Wound care Tebrus vaccine if incompiete If NO risk of rables, or paraisting fewering large vaccine ingrovement of wounded in the 27th artificial No insplaner referral needed: Reasons to return to clinice If risk of rables: Refer for specialized outpatient consultation: Patient of the president of the president of the president of the president of wounded in the president of wounded the president of t	New	Adapted from General Management of Trauma in STGA	Adapted	STGA p 255	Wound management (Black et al. 2015; World Health Organization, 2010)
	Uncomplicated superficial wound	Superficial wound AND NO Bite wound AND NO Wound infection AND NO Fever		No		Conditional	Wound care Tetanus vaccine if incomplete No inpatient referral needed: Reasons to return to clinic	New	Adapted from General Management of Trauma in STGA	Adapted	STGA p.255	Wound management (Black et al. 2015; World Health Organization, 2010)
	Confirmed fracture	Fall / trauma AND Musculosbelstal pain / swelling AND AND Single joint pain OR extremity pain AND Suspicion for factor discoston AND Xxxy confirmed fracture		If open fracture, severe pain or deformation: urgent; if not, specialist OP	Do Paracelamol 40-80 mg/kg/day divided into 4 doses for 2-6 days [10-20mg/kg/dose four times a day x 2-6d] 16 open facture: (on-referral) 16 open facture: (on-referral) 16 open facture: (on-referral) 16 open facture: (on-referral) 17 open facture: (on-referral) 18 open facture: (Conditional	Immobilise IF Severe pain, deformation, loss of motricityfleeling or open fracture: Refer urgenify for inpatient management IF NO Severe pain, deformation, loss of motricityfleeling or open fracture: Refer for specialized outpatient consultation: Orthopedics	New	In line with Extremity Fractures in STGA	YES	STGA p.261	
	Confirmed dislocation	Fall / trauma AND Musculoskeletal pain / swelling AND Single joint pain OR extremity pain AND Suspicion of fracture / dislocation AND Xray confirmed dislocation		If unable to manage dislocation: Specialist OP surgical	PO Paracetamol 40-80 mg/Kgiday divided into 4 doses for 2-5 days [10-20mg/kgidose four times a day x 2-5d]	Conditional	Dislocation management If unable to manage dislocation: Refer for specialized outpatient consultation: Orthopedics	New	In line with Sprains and strains in STGA	YES	STGA p.280	
	Suspicion of fracture/dislocation	Fall / trauma AND Musculoskoletal pain / swelling AND AND Single joint pain OR extremity pain AND Suspicion of fracture / dislocation AND Xray unavailable		If open fracture, severe pain or deformation: urgent; if not, specialist OP	PO Passectamol 40-80 mg/Kgiday divided into 4 doses for 2-5 days [10-20mg/kgidose four times a day x 2-5d] If open finacture (pre-referral). If open finacture (pre-referral). MIN / Ampiciallo 20mg/kgiday divided in 4 doses for 1 days [50mg/kgidose four times a day x 1-5] AND MIN Centaminion Trang/Kgiday divided into 1 dose for 1 days [7mg/kgidose daily (If Amp A Cent not available) MIN / Certinance HD 100mg/kgiday divided into 1 dose for 1 days [100mg/kgidose daily x 1-6]	Conditional	Immobilise IF Severe pain, deformation, loss of motricitylieding or open fracture. Refer urgently for impatient management IF NO Severe pain, deformation, loss of motricitylieding or open fracture. Refer for specialized outpatient consultation. Othopedics	New	In line with Extremity Fractures in STGA	YES	STGA p.261	
	Clavicular fracture	Fall / trauma AND Musculoskeletal pain / swelling AND Single joint pain OR extremity pain AND Suspicion of fracture / dislocation AND Xray confirmed clavicular fracture		No (but in management gives conditions e.g. open)	PO Paracetamol 40-80 mg/Kg/day divided into 4 doses for 2-5 days [10- 20mg/kg/dose four times a day x 2-5d]	Conditional	Clavicular fracture management No inpatient referral needed: Reasons to return to clinic	New	Adapted from Extremity Fractures in STGA	Adapted	STGA p.261	
	Contusion	Fall / trauma AND Musscloskelstal pain / swelling AND Single joint pain OR extremity pain AND Suspicion of fracture / dislocation AND Xray continued no abnormality	Major trauma	No	PO Paracelamol 40-80 mg/Kg/stay divided into 4 doses for 2-5 days [10-20mg/kg/sdose four times a day x 2-5d]	Conditional	IF Contusion with severe deformity, unable to weighthear, or loss of motirolyfleeling. Refer for specialized outpatient consultation: Othopedics IF NO Contusion with severe deformity, unable to weighthear, or loss of motirolyfleeling: No impatient feerfan needed: Reasons to return to clinic	New	Added. Not in IMCI or Tanzanian guidelines	NEW		Sensibility and specificity of X-ray for diagnosis of fractures in children is high (93.2 and 99.5%) and can therefore reliably exclude fractures (Moritz et al., 2008)
	Major head injury	Head trauma AND Danger sign OR Open skull fracture OR ((History of loss of consciousness OR severe headache OR major trauma OR vomiting) AND Altered mental status OR signs basilar skull fracture)		Yes - urgent			Refer urgently for inpatient management	New	Added different categorization of head injuries adapted from PECARN rule	Adapted	STGC p. 230	So traumatic brain injury clinical practice guidelines deeffleed in a systematic review that was developed in Siksharan Africa, only one was not from a high-income country (Brazil) (. Appending et al. PLoS One. 2018). PECARN clinical practice and adapted for LMIC (Schonfeld et al. 2014; Easter et al. 2014; Koppenman et al. 2009)
	Moderate Head Injury	Head trauma AND NO open skull fracture AND History of loss of consciousness OR severe headache OR major trauma OR vomiling AND NO Danger sign AND AND olignes basilar skull fracture AND NO signs basilar skull fracture	Major head injury; major trauma	If worsening in clinic in 4 hrs	PO Paracelamol 40-80 mg/Kg/day divided into 4 doses for 2 days [10-20mg/kg/dose four times a day x 2d]	Conditional	4 hour surveillance for head injury Head injury guidance	New	Added different categorization of head injuries adapted from PECARN rule	Adapted	STGC p. 230	As above
	Minor Head Injury	Head trauma AND NO open skull fracture AND NO History of loss of consciousness AND NO severe headache AND NO major trauma AND NO vomiting AND NO Danger sign AND NO altered mental status AND NO signs basilar skull fracture	Major and moderate head injury; major trauma	No	PO Paracetamol 40-80 mg/Kg/day divided into 4 doses for 2 days [10- 20mg/kg/dose four times a day x 2d]	Conditional	Head injury guidance	New	Added different categorization of head injuries adapted from PECARN rule	Adapted	STGC p. 230	As above

Complaint category	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines: Standard Treatment Guidelines and Essential Medicines List for Children and Adolescents 2016 (STGC 2016), or IMCI 2014 (TZ IMCI 2020), or IMAI 2009	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
	Major Burn	Burn AND Circumferential burn OR 25% TBSA OR location over major joint OR feet OR genital area OR hands (not palms) OR face		Yes - urgent	Topical Mujericin 2% twice a day for 7-14 days (fil Mujericin or alwabibl) Topical Silver Sulfadazine 1% to affected area twice a day for 7-14 days Tetanus vaccine If incomplete If akin warm or swollen or with pus: PO Co-Amosicilin/Clasulanic acid 80- 100mg/kg/dayd vided into 2 doses for 5-7 days (40-50mg/kg/dose two times a days x-5-7g)		Major burn care Refer urgently for inpatient management	New	Adapted work-up and management for primary care health facilities	Adapted	STGC p. 228	Management of burns (Karbelowsky et al. 2007; Outwater et al. 2020; Stander et al. 2011; Sheridan, 2018; Young et al. 2017)
	Minor Burn	Burn AND NO Major burn criteria		No	Topical Mujerichi 2% twice a day for 7-14 days (fil Mujerichi ora Jaubabi) Topical Silver Sulfadazine 1% to affected area twice a day for 7-14 days Tetanus vaccine If incomplete I skin warm or sovoline or with pus: PO Co-Amnakollin/Clasulanic acid 80- 100mg/kg/day divided into 2 doses for 5-7 days (40-50mg/kg/dose two times a days x-7-9] Return every 24 - 48 hrs to Joen and dhess wound Consider fills daws of bum from digher (first social worker)	Conditional	Burn care Return every 24-48 hours to clean and dress wound Consider child abuse if burn from object (Refer to social worker)	New	Adapted work-up and management for primary care health facilities	Adapted	STGC p. 228	Management of burns (Karbetowsky et al. 2007; Outwater et al. 2020; Stander et al. 2011; Sheridan, 2018; Young et al. 2017)
	Inhalation injury	Significant exposure to fire or smoke AND Cough OR Difficulty breathing AND Fast breathing OR chest indrawing OR Respiratory distress		Yes - urgent	If Difficulty breathing or Cough AND wheezing: NH Salbulamo 20mcg four times ady for 1 days (If Salbulamot not awaitable) NH Budesonide 200mcg two times a day-four times a day for 1 days Owgen therapy (If available)		Refer urgently for inpatient management	New	Oxygen therapy if fast breathing or chest indrawing, and not only in those with respiratory distress	Adapted	STGC p. 314	
	Carbon monoxide poisoning	Significant exposure to fire or smoke AND Danger sign OR 224months: (Dizziness OR altered mental status OR headache) OR <24 months: severe irritability		Yes - urgent	Oxygen therapy (if available)		Refer urgently for inpatient management	New	No arterial blood gas and serum electrolyte measurement since not usually available at primary care	Adapted	STGC p. 317	Diagnosis and management (Hampson et al. 2012)
	Suspicion of poisoning	Accidental ingestion potentially harmful entity AND ≥24 months: (Headache OR dizziness OR danger sign OR altered mental status) OR < 24 months OR Danger sign OR single convulsion Accidental insection section that the convulsion		Yes - urgent			Refer urgently for inpatient management	New	Identification of those needing referral, and those that can be observed	Adapted	STGC p. 232	Diagnosis and management of poisoning in children (Velez et al. 2020)
	Uncomplicated Suspicion of poisoning	Accidental ingestion potentially harmful entity AND NO Headache AND NO dizziness AND NO danger sign AND NO altered mental status AND NOT < 24 months		No		Conditional	Uncomplicated poisoning guidance Control bleeding	New	Identification of those needing referral, and those that can be observed	Adapted	STGC p. 232	Diagnosis and management of poisoning in children (Velez et al. 2020)
	Major trauma	Major trauma (car accident, major fall, suspicion of multiple fractures, major bleeding)		Yes - urgent			Stabilize neck Refer urgently for inpatient management	New	Added. Not in IMCI or Tanzanian guidelines	NEW		The most common mechanisms of severe trauma in children are road traffic accidents and falls, with a mortality of about 1% in low-imiddle income countries (Bradshaw et al., 2018)
Headache and stiff neck	Non-severe headache	Age 23y AND Headache AND NO Head teums and NO Danger signs	Suspicion of poisoning, major practical processing, major trauma, Major moderate/ minor head minor head monoxide monoxide poisoning, inspirit, suspicion of poderating, suspicion of poderating, complicated chricken pox, complicated chricken pox, and possible poisoning, and possible pos	No	PO Paracetamid 40-80 mg/k'giday divided into 4 doses for 2-5 days [10-20mg/kgidose four times a day x 2-5d]	Conditional	No inpatient referral needed: Reasons to retelan to clinic Headache guidance	New	In line with Tension headaches in BMAI	Yes	IMAN 2009	
	Suspected meningitis	Fever AND NO Danger sign AND Officulty moving head AND Stiff neck		Yes - urgent	Pare-defenzi: MIV Ceffixiamore IDI 80-100mg/kg/day divided into 1 dose for 1 days (80-100mg/kg/day divided into 1 dose for 1 days (80-100mg/kg/day) MIV Ceffixiamore IDI 80-100mg/kg/day) divided in 4 doses for 1 dose for		Keep child warm	Adapted	SME mack. Only checked if no danger sign present, and not checked in volidities of 20 models as uncommon even presence of mempings (note all children with any CNS danger sign are covered for meningitis under diagnost very severe disease or CNS Danger sign. "Officulty moving heart added as a question prior to examination for "stiff next" to improve specificity of this sign and reduce the measural of children who need to be examined for stiff can be quickly observed). Other crimeria in Staffe or suspected mempings and all included place not in IMCI) as either provided and the contraction of the contraction of the IMCI) as either provided and the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the IMCI as either provided and the contraction of the contraction o	Adapted	IMCI 2014, IMCI TZ 2020	IMCI 2014, IMCI TZ 2020
Preventior / Screening	Possible HIV	Age 29 months - 12 years AND Mother HIV+ or negative-trainowinefuse AND HM status of child is unknowninegate AND Indication to perform test AND HM rapid test positive test AND HM rapid test positive Age 212 years AND HM status unknowningstive AND indication to perform test AND HMV rapid test positive		Yes - to relevant clinic			Possible HIV guidance	Adapted	In line with Tanzanian National Guidelines for the management of HIV and ADS 2015 and 2017	YES	Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	

Comp	laint ory	DIAGNOSIS	ePOCT+ DYN TZ Algo	Excluded by	Referral	TREATMENTS	Follow-up (always includes reasons to return to clinic)	Management	Difference with ePOCT 2014 algorithm (New, Adapted, Same)	Modifications in respect to TZ guidelines Standard Treatment Guidelines and Examinal Medicines List for Children and Adolescents 2016 (8TGC 2015), or MCI 2014 (TZ MCI 2025), or MAA 2005	In line with Tanzania guideline and/or IMCI? (YES, Adpated (from TZ guidelines), NEW = Not in TZ guideline)	TZ or IMCI/IMAI Guidelines	Additional references
		HIV exposed	Age 2m-9m AND Mother HIV+ AND NO PCR Confirmed HIV in infant OR Age 9 - 18m AND Mother HIV+ or mother HIV unknown AND HIV Ab test +ve		Yes - for HIV PCR test			If mother HIV positive: HIV rapid test If HIV RDT negative or unavailable: HIV exposure counselling & testing Refer for HIV PCR test		In line with Tanzzanian National Guidelines for the management of HIV and AIDS 2015 and 2017		Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	
	нг	V Positive Mother	Age or patient <12y AND HIV status of mother unknown AND indication and consent to test mother for HIV AND HIV rapid test for mother positive OR HIV status of mother positive					Counselling to HIV Positive Mother		In line with Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017		Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	
		HIV screening unavailable	HIV rapid test unavailable					HIV screening counselling	Adapted	In line with Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	YES	Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	
	N	legative HIV test	HIV rapid test negative					Negative HIV test - Post test counselling if child is being breastfed	Adapted	In line with Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	YES	Tanzanian National Guidelines for the management of HIV and AIDS 2015 and 2017	
Gent Univ Asse	ersal esme	Prevention and Screening	All children without a severe diagnosis: 1. Ask if vaccinations are complete for age 2. Received vit A in last 6 months (f 6-59m) 3. Ask if received deworming in the last 6 months (1-15y)	All severe diagnoses requiring a referral		IF no deverming in last 6 months: PO Mebendazde (grevention) (Age >=1yr) 500mg daily for 1 days (If Mebendazde not available) PO Alberdazde (grevention) (age >=2yr) 400mg daily for 1 days (If T days Fin o Vitamin A in last 6 months: PO Vitamin A (grevention) 1 dose - (Fixed dose. Age 6-412mth = 100.000MJ / >>12mth = 200.000MJ)		IF Vaccinations not complete: Refer to RCH clinic to complete vaccination If <u>>8</u> mth: Advise to repeat vitamin A supplementation every 6 months If >12mth: Advise to repeat deworming every 6 months	Same	In line with STGC, and MCI	YES	STGC p. 22	
		Known HIV	Known positive HIV status					Considerations when treating an HIV+ patient	New	n/a			
	к	Known sickle cell disease	Known sickle cell disease				question of chronic conditions added	Considerations in managing a patient with sickle cell disease	New	Considerations for patients with sickle cell disease in regards to antibiotic treatment and inpatient admission in line with the Sickle cell disease clinical management guidelines (Tanzaria 2020)		Tanzanian Sickle cell disease clinical management guidelines (2020)	
	,	Known Cerebral palsy	Known cerebral palsy				question of chronic conditions added	Considerations in treating a patient with cerebral palsy	New	n/a			
		nown Congenital heart disease	Known congenital heart disease				question of chronic conditions added	Considerations when treating a patient with congenital heart disease	New	n/a			
		Follow-up consultation	Consulted a health facility for an acute illness in the past 14 days AND coming for a follow-up consultation		Consider referral if the patient is considerably worse than the previous consultation			If child's condition is worse that last consultation: Consider Referral Continue treatment and medication prescription as previously prescribed	New	nia			
											1		