The authors and reviewers have made every attempt to ensure the information in this Family Medicine Clinical Card is correct - it is possible that errors may exist. Accordingly, the source references or other authorities should be consulted to aid in determining the assessment and management plan of patients. The Card is not meant to replace customized patient assessment nor clinical judgment. The Card is meant to highlight key considerations in particular clinical scenarios, largely informed by relevant guidelines in effect at the time of publication. The authors cannot assume any liability for patient outcomes when this card is used.

Canadian Family Medicine Clinical Card

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Lower limi

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Normal Vital Signs

in the second seco							
Age	RR	HR	Age	RR	HR		Syst. BP (mmHg)
			-			0 - 28 davs	60
Newborn	30-60	100-160	5 vrs	20-24	/0-115		
						1 -12 months	70
		110-160			00-100		-
1 vr	22-30	90-150	14 yrs	14-20	60-100	1 -10 years	70 + (2 x age)
3 yrs	22-30	80-125	Adult	12-18	60-90	10 yrs - Adult	90
-)							

Age

Red Flags and Special Circumstances in Patients with Fever 20.000

Investigations	Management
Look for source: blood culture,	ABC's, IV fluids,
UA/UC*, sputum culture, CSF	supplemental O2, activate
culture, wound, catheter, line	EMS, empiric antibx
CBC/diff, blood culture, UA/UC*,	Admission to hospital,
CSF cultures & gram stain, CXR if	Empiric parenteral antibx
resp. symptoms/tachypnea, stool	to cover meningitis
culture if diarrhea	
Confirm neutropenia, look for	Admission to hospital,
source of infection (culture what	Empiric parenteral antibx,
you can, CXR)	Treat underlying cause
Stool culture, consider UA/UC*	Based on results
UA/UC*	Based on results
Be vigilant for dz's based on missin	g immunizations
CXR (to R/O pneumonia)	Antibx if CXR +
Thick/thin blood film for malaria	If any films +ve for
Q12h x 3, CBC, diff, LFTs,	malaria; consult ID
UA/UC*, blood culture x 2-3, CXR	
CBC diff, blood cultures x 2-3, CSF	Empiric parenteral antibx
culture, gram stain, opening	based on likely organism
pressure, cell count	for age group and situation
Reassessment to R/O bacterial	Based on results; reassess
cause, including UA/UC*	in 2 days if fever persists
	Look for source: blood culture, UA/UC*, sputum culture, CSF culture, wound, catheter, line CBC/diff, blood culture, UA/UC*, CSF cultures & gram stain, CXR if resp. symptoms/tachypnea, stool culture if diarrhea Confirm neutropenia, look for source of infection (culture what you can, CXR) Stool culture, consider UA/UC* UA/UC* Be vigilant for dz's based on missin CXR (to R/O pneumonia) Thick/thin blood film for malaria Q12h x 3, CBC, diff, LFTs, UA/UC*, blood cultures x 2-3, CXR CBC diff, blood cultures x 2-3, CSF culture, gram stain, opening pressure, cell count Reassessment to R/O bacterial

Consider Kawasaki's Disease in a child with fever ≥5 days and 4 or more of clinical criteria below (emergent paeds. referral if so); may be "incomplete Kawasaki's" if <6 months old and/or only 3 criteria \rightarrow will require bloodwork +/- paeds. referral)

(1) Conjunctivitis (2) Truncal rash (3) Cervical lymphadenopathy >1.5cm (4) Mucosal Δ 's (strawberry tongue, diffuse erythema, swelling/fissuring of lips)

(5) Extremity Δ 's (edema, erythema, desquamation, induration of hands/feet)

	Expand investigations to include	B
weeks = FUO (Fever	TB, HIV & immune dz, osteomye-	a
of Unknown Origin)	litis, abscesses, inflamm. dz., etc	f
		_

Ibup ASA

Based on + findings, refer as required, if no etiology ound consider ID consult *UA/UC = urinalysis & culture

Fever Symptom Management						
Antipyretics	Pediatric					
Acetaminophen	15mg/kg/dose PO/PR 04-6h PRN					

taminophen 15mg/kg/dose PO/PR Q4-6h PRN 325-650mg PO/PR Q4-6h	PRN
DO NOT EXCEED 2.6g/24hrs **DO NOT EXCEED 3g/24h	rs**
profen 10mg/kg/dose PO Q6-8h PRN 200-400mg PO Q4-6h PRN	
DO NOT EXCEED 40mg/kg/24hrs	
Do not use - Risk of Reye's Syndrome 325-650mg PO Q4-6h PRN	

Tepid sponging with water (not alcohol) at 30°C is a useful adjunct.

Key References: Pediatric advanced life support: 2010 American heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Pediatrics 2010; 126(5):e1361-99. Clinical policy for children younger than three years presenting to the emergency department with fever. Ann Emerg Med 2020; 42:530. Canadian Recommendations for the Prevention and Treatment of Malaria Among International Travellers. Canada Communicable Disease Report July 2009. Age Appropriate Vital Signs - https://www.cc.lm.Boy/ccci/pedws/ledstaff/age.html