Children's Health Care Services - Tiers at a Glance

1. Clinical Services

Module		Prevention, Primary & Emergent Health Services T1a	General Health Services T1b	Child-Focused Health Services T2	Designated Children's Health Services T3a	Children's Regional Subspecialty Health Services T3b	Children's Provincial Subspecialty Health Services T4
Service reach		Local community.	Local community/local health area.	Multiple local health areas/health service delivery area.	Health service delivery area/health authority.	Health authority.	Province.
Service focus		Supports the health & well-being of infants, children, youth & their families. Local services for emergent care. Stabilizes & refers/transfers as necessary.	Diagnoses & provides definitive treatment for children with low acuity/complexity conditions & minor, uncomplicated single system injuries. Stabilizes & refers/transfers as necessary.	Diagnoses & provides definitive treatment for children with relatively common, medium acuity/complexity conditions & uncomplicated single system injuries. Stabilizes & refers/transfers as necessary.	Diagnoses & provides definitive treatment for children with a broad range of medium acuity/complexity conditions (including complex psychosocial issues) & non-life-threatening single & two-system injuries. Stabilizes & refers/transfers as necessary.	Diagnoses & provides definitive treatment for children with high acuity &/or relatively common high complexity conditions (including complex psychosocial issues) & single & two-system injuries. The range of conditions is dependent upon the types of subspecialists available. Stabilizes & refers/transfers as necessary.	Diagnoses & provides definitive treatment for children with the full range of high acuity/high complexity medical conditions (including complex psychosocial issues) & multiple-system injuries, many of whom require care from with multiple specialty/subspecialty teams. Provincial pediatric trauma centre.
Children's Emergency Department Services		Health Centre (<24 hrs/day).	24/7 ED	24/7 ED	24/7 ED	24/7 ED with dedicated space/focus on children	24/7 pediatric ED
Children's Medical Services *(General & Subspecialty Medicine & relevant teams)*	Inpatients		Limited capacity for short-term inpatient stays (in the ED or a general inpatient bed). No designated pediatric inpatient beds. If child in hospital, FP/NP on-call 24/7.	Designated pediatric inpatient beds. Pediatrician on-call 24/7.	Dedicated pediatric inpatient teaching unit. Pediatrician on-call 24/7.	Dedicated pediatric inpatient teaching unit. Pediatrician (or resident) on-site 24/7. Pediatric subspecialty teams available locally for on-site consultation in higher volume subspecialties (e.g., neurology, GI, cardiology) - not 24/7.	Dedicated pediatric inpatient teaching units, grouped by specialties/subspecialties. Pediatrician (or resident) on-site 24/7. Full range of pediatric subspecialty services available for on-site patient management & consultation 24/7.
	Outpatients		Clinic space & infrastructure available for visiting specialists & telehealth consultations (in the ED, hospital	Algorithm in place to manage children discharged from hospital or ED requiring short-term follow-up by a pediatrician.	Outpatient clinics: • General pediatrics • Child maltreatment (non-acute) Teaching focus is on general pediatrics.	Same as T3a plus: Pediatric outpatient clinic & treatment/procedure space is used exclusively by children. Regularly occurring pediatric	Full range of pediatric specialty & subspecialty clinics on-site, many of which involve multiple subspecialty teams. Coordinates & provides

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			outpatient or community-based clinic).	Child-friendly treatment/procedure space & infrastructure. May be shared with adults.	Hosts outreach clinics for visiting pediatric subspecialty teams (on-site or via telehealth). Child-friendly clinic(s) & outpatient treatment/procedure space & infrastructure. May be shared with adults.	subspecialty clinics available on-site for higher volume specialties (e.g., neurology, GI, cardiology). Subspecialty outreach clinics (on-site or via telehealth) may be offered, usually within the HA. Staffed by local subspecialty teams. Hosts outreach clinics for visiting pediatric subspecialty teams (on-site or via telehealth), usually for lower volume specialties. Teaching focus is on general pediatrics & higher volume pediatric subspecialties.	pediatric subspecialty outreach clinics (on-site or telehealth) throughout the province. Teaching & research focus is on general pediatrics & pediatric subspecialties.
	Community-based	Supports healthy child development, injury prevention & parenting. Screens & refers children for developmental delays or other health issues to appropriate resource(s) for assessment. Provides immunizations.		Assessment & follow-up of referred children. Youth-specific drop-in health care services.	Advanced assessment & follow-up of referred children.	Same as T3a.	
Children's Surgical Services *(Adult & Pediatric Surgical Specialists & relevant teams)*			On-site surgical capacity exists (locally or via outreach) for: • Low complexity procedures on a planned, day care basis on healthy children ages 2 & over (ASA 1-2). • Life & limb procedures.[1]	On-site surgical capacity exists for: • Low complexity procedures on a planned & unplanned, inpatient & day care basis on healthy children ages 2 & over (ASA 1-2) • Life & limb procedures.	On-site surgical capacity exists for: • Low complexity procedures on a planned & unplanned, inpatient & day care basis on healthy children ages 6 months & over[2] (ASA 1 - 2). • Life & limb procedures.	On-site surgical capacity exists for: • Medium & selected high complexity procedures (when relevant pediatric surgery specialist is available) on a planned & unplanned, inpatient & day care basis on children of any age, including those with modest medical complexities (ASA 3).[3] • Life & limb procedures.	On-site surgical capacity exists for: • High complexity procedures on a planned & unplanned, inpatient & day care basis on children of any age, including those with high medical complexities (ASA 4-5).

[1] Risk of transporting the child is greater than the risk of performing the procedure locally. Assumes availability of resources (trained personnel, equipment, etc).

[2] Assumes availability of appropriately credentialled anesthesiologist(s) as per provincial privileging document. This requires an anesthesiologist that has recent experience providing anesthesia to children in the 6 mos - 2 year age group + 10 CPD credits/year in pediatric anesthesiology.

[3] Assumes availability of appropriately credentialled anesthesiologist(s) as per provincial privileging document. This requires an anesthesiologist who has completed a 12-month fellowship in pediatric anesthesia and has recent experience working with children in the 0 - 6 mos age group + 80 CPD credits/yr with at least 20 CPD credits in pediatric anesthesiology. For children ages 6 mos - 2 yrs, see footnote above.

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		Surgical specialties: Variable, depending on local surgeon availability. General surgeon or family practice physician with enhanced surgical skills available in rural & remote sites (not 24/7). Anesthesia: Anesthesia provider (specialist or family practice physician) available during times surgical procedures are performed. Transfer algorithm in place when surgical or anesthesia provider is not available.	Surgical specialties: General surgeon on-call 24/7. Strive to have dental surgery, ophthalmology, orthopedics, ENT, plastics and urology on-call 24/7. Transfer algorithm in place at times appropriate surgical specialty is not available (e.g., vacations). Anesthesia: Anesthesia provider (specialist or family practice physician) on-call 24/7.	Surgical specialties: Specialists on-call 24/7 & available to assess & manage children with all types of surgical conditions except cardiac or neurosurgery-related. Managing a surgical condition may include performing a surgical procedure, developing an alternative management plan or transferring the child to a T3b/T4 service. Anesthesiologist who meets the age-specific credentialling requirements available on-call 24/7 to provide anesthesia to children ages 6 mos - 2 yrs.	Surgical specialties: Specialists available on-call 24/7 & available to assess & manage children with all types of surgical conditions except cardiac or neurosurgery-related. Managing a surgical condition may include performing a surgical procedure, developing an alternative management plan or transferring the child to a T4 service. Pediatric surgical specialists available for some specialties (not 24/7). Pediatric anesthesiologist on-call 24/7. Some specialty-specific outpatient clinics available for children with complex needs.	Surgical specialties: Pediatric surgical specialists on-call 24/7 & available to assess & definitively manage children with all types of surgical conditions, including multi-system trauma. Pediatric anesthesiologist(s) available 24/7. Broad range of specialty-specific outpatient clinics available for children with complex needs.
Children's Intensive Care Services				On-site Level 2 NICU. Pediatric ICU services TBD.	On-site Level 3 NICU. Pediatric ICU services TBD.	On-site Level 3 NICU. Pediatric ICU services TBD.
Child Development & Rehabilitation Services	In progress	In progress	In progress	In progress	In progress	In progress
Children's Home-based Services	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)
Children' s Mental Health & Substance Use Services	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)	TBD (with MCFD)

2. Clinical Diagnostic & Therapeutic Services

Clinical Diagnostic Module	A	B	C	D	E	F
Children's Laboratory, Pathology & Transfusion Medicine	In progress	In progress	In progress	In progress	In progress	In progress
Children's Diagnostic Imaging	TBD	TBD	TBD	TBD	TBD	TBD
Children's Pharmacy Services	In progress	In progress	In progress	In progress	In progress	In progress

3. Knowledge Sharing & Transfer/Training

Prevention, Primary & Emergent Health Services	General Health Services	Child-Focused Health Services	Designated Children's Health Services	Children's Regional Subspecialty Health Services	Children's Provincial Subspecialty Health Services
T1a	T1b	T2	T3a	T3b	T4
Facilitates access to learning activities that support the maintenance of competencies in child health.	Facilitates access to learning activities that support the maintenance of competencies in child health.	Creates or facilitates access to learning activities that support the maintenance of competencies in child health, including the practice of critical clinical skills (e.g., simulation, clinical experience with T3/T4 service).	If T3b service does not exist within the HA, provides HA leadership for pediatric clinical care, education & system planning. In collaboration with T3b, organizes regional activities that support the maintenance of competencies in child health. Provides child health clinical experiences for staff & physicians within the HA (on-site &/or via simulation). Provides child health experiences/placements for a broad range of undergraduate, graduate & post-graduate health care students & residents.	Same as T3a plus: Provides HA leadership for pediatric clinical care, education & system planning. Provides child health experiences/placements for fellows in selected subspecialties.	Provides provincial leadership for pediatric clinical care, education, research & system planning. Organizes provincial activities that support the maintenance of competencies in child health. Leads the development & implementation of provincial guidelines on relevant child health topics. Provides child health clinical experiences for T1/T2/T3 staff & physicians (on-site &/or via simulation). Provides child health experiences/placements for a broad range of undergraduate, graduate & post-graduate health care students, residents & subspecialty fellows.

4. Quality Improvement & Research

Prevention, Primary & Emergent Health Services	General Health Services	Child-Focused Health Services	Designated Children's Health Services	Children's Regional Subspecialty Health Services	Children's Provincial Subspecialty Health Services
T1a	T1b	T2	T3a	T3b	T4
Mechanisms in place to regularly review the quality of care, including case reviews. If child involved, physicians & staff with child health expertise are included in the review. Participates in regional & provincial child health quality improvement initiatives.	Same as T1b.	Same as T1b plus: Provides pediatric expertise for T1 case reviews, if requested.	Mechanisms in place to regularly review the quality of care provided to children, including case reviews. In collaboration with T3b, tracks regional child health quality indicators. Leads/participates in regional & provincial child health quality improvement initiatives.	Same as T3a plus: Participates in research related to pediatric care.	Mechanisms in place to regularly review the quality of care provided to children, including case reviews. Provides subspecialty child health expertise for T1-T3 case reviews, if requested. Tracks provincial child health quality indicators & leads provincial quality improvement initiatives. Conducts & supports others to conduct child health-related research.