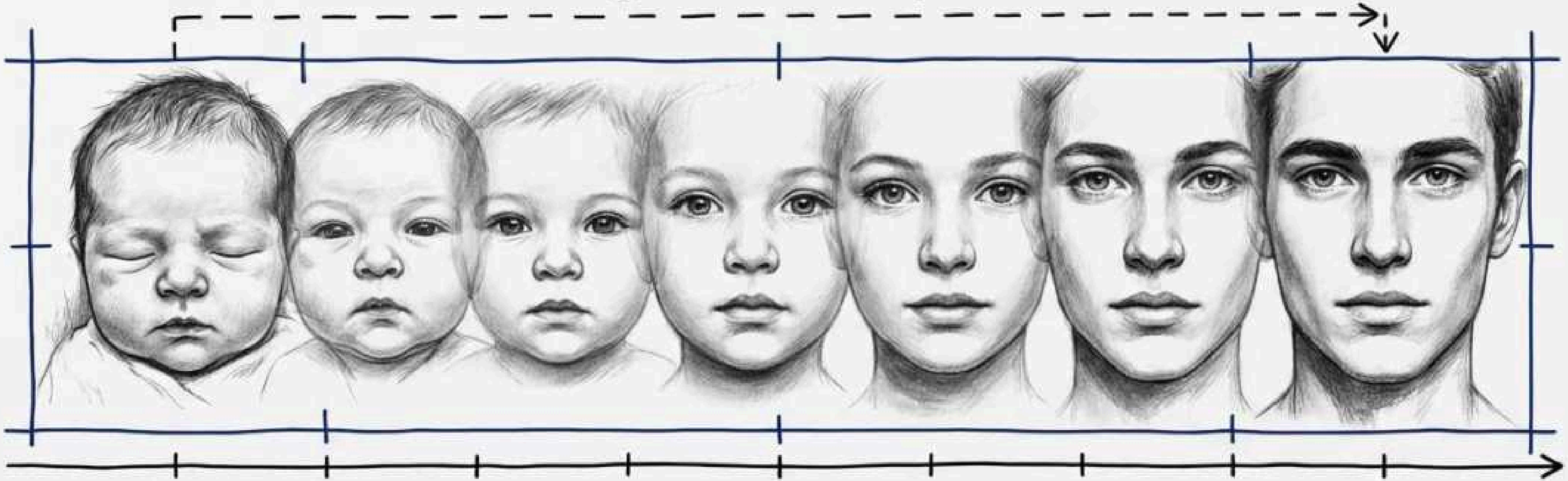
Medicine 543 B: Pediatrics

¶ 0.1

[Modelled on the core clerkship of the Harvard and MIT Health Sciences and Technology programme.]

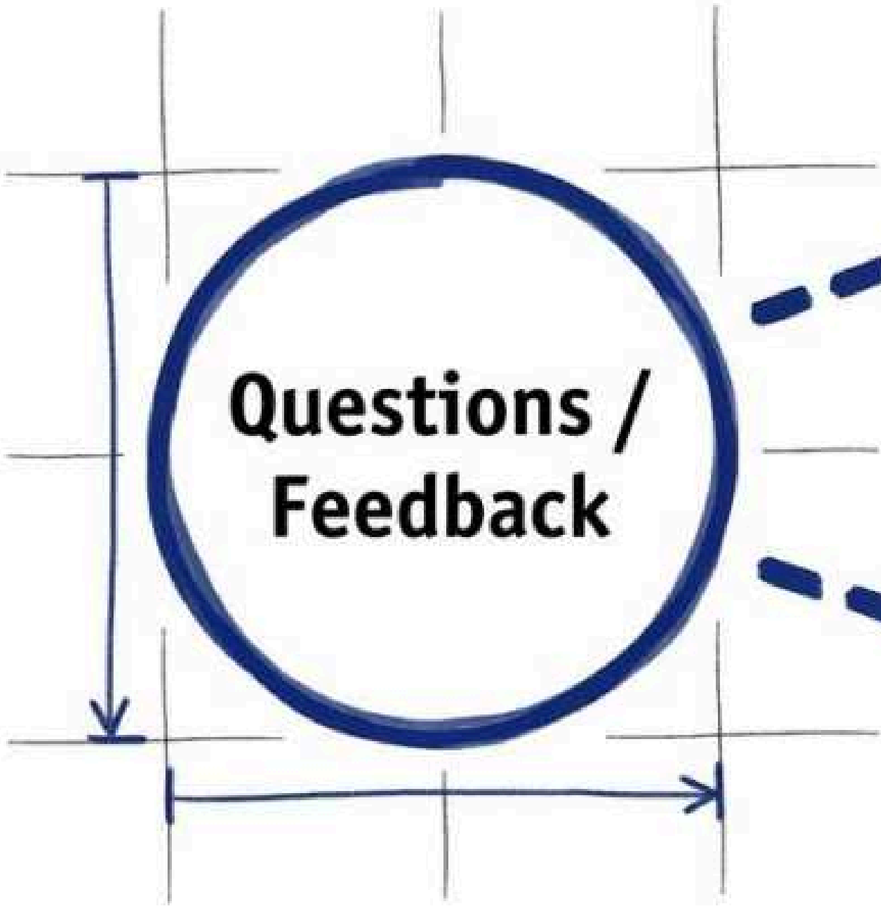
[Note: Spelled 'pediatrics' in American English.]

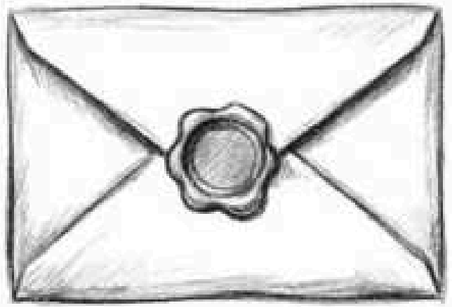
$$P(\text{age}) \in [0, 18 \text{ years}]$$



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Course Communications & Routing





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@garyanderson

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The Clinical Disclaimer & Urgent Red Flags

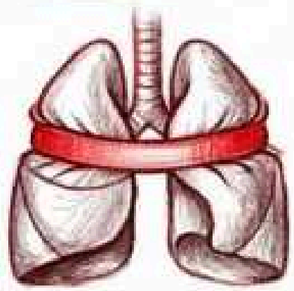
$$\text{Course} \neq \underbrace{\text{Medical_Licence} \vee \text{Clinical_Advice}}_{\text{Focus: Medical Knowledge, Not Medical Training.}}$$



Floppy



Hard to wake



Struggling to breathe



Rash that does not fade when pressed



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The Core Paradigm

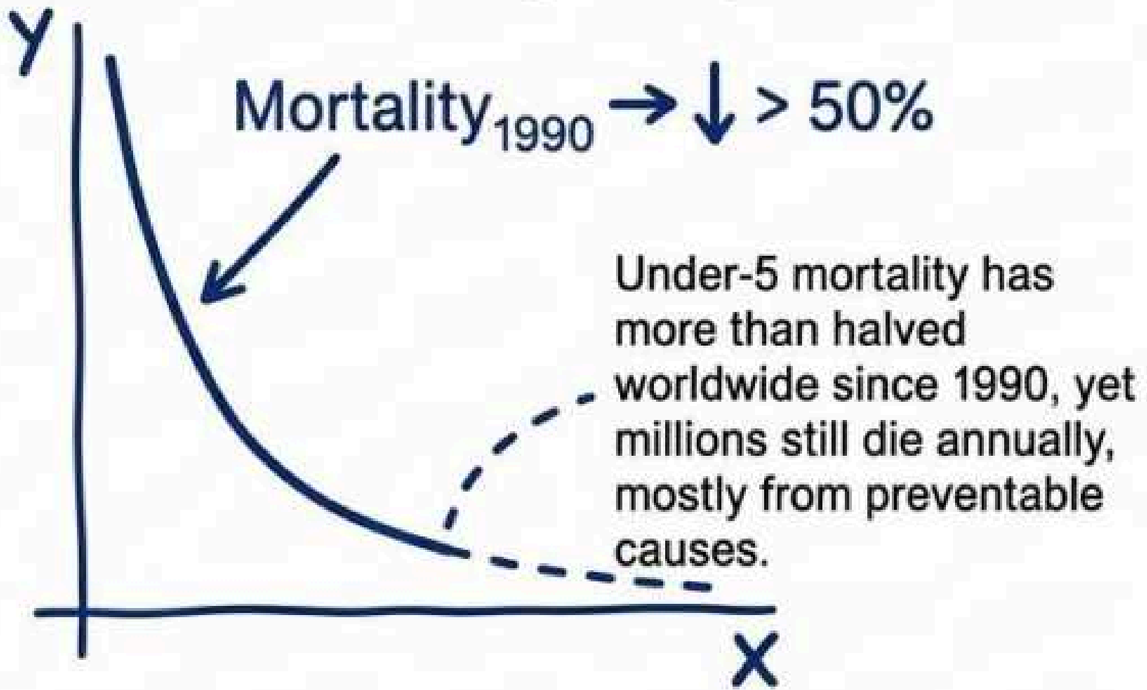
Child ≠ Small_Adult

Parameters change rapidly with age

Diagnostic Matrix

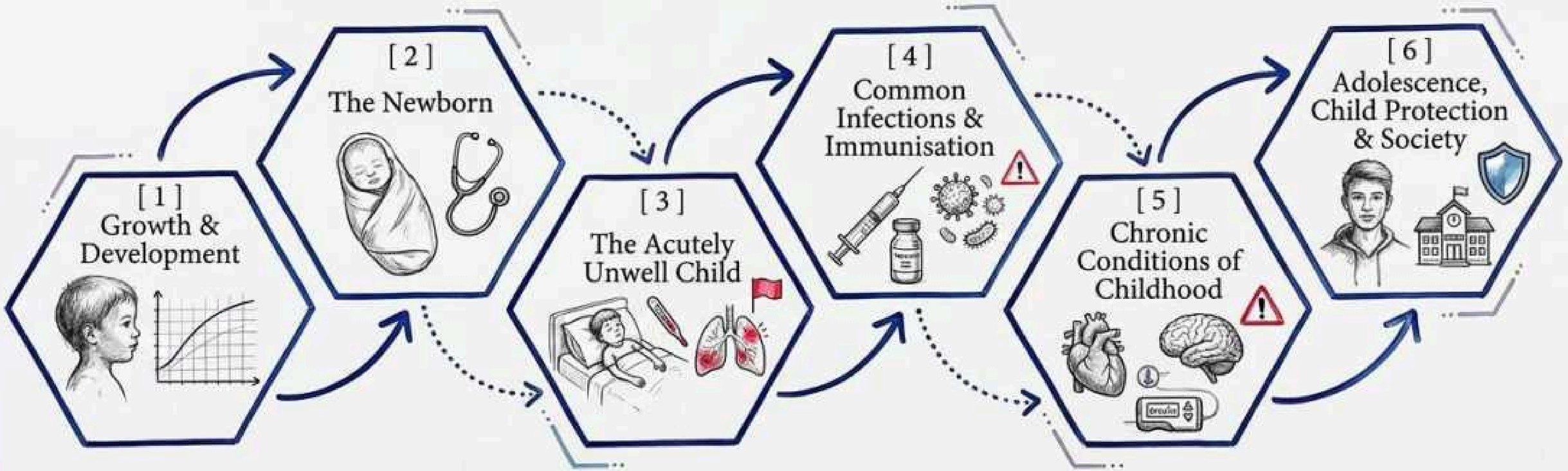
Adult		Child
≡	Bodies	Δ
≡	Illnesses	Δ
≡	Drug Doses	Δ
≡	Ways of Communicating	Δ

Mortality Graph



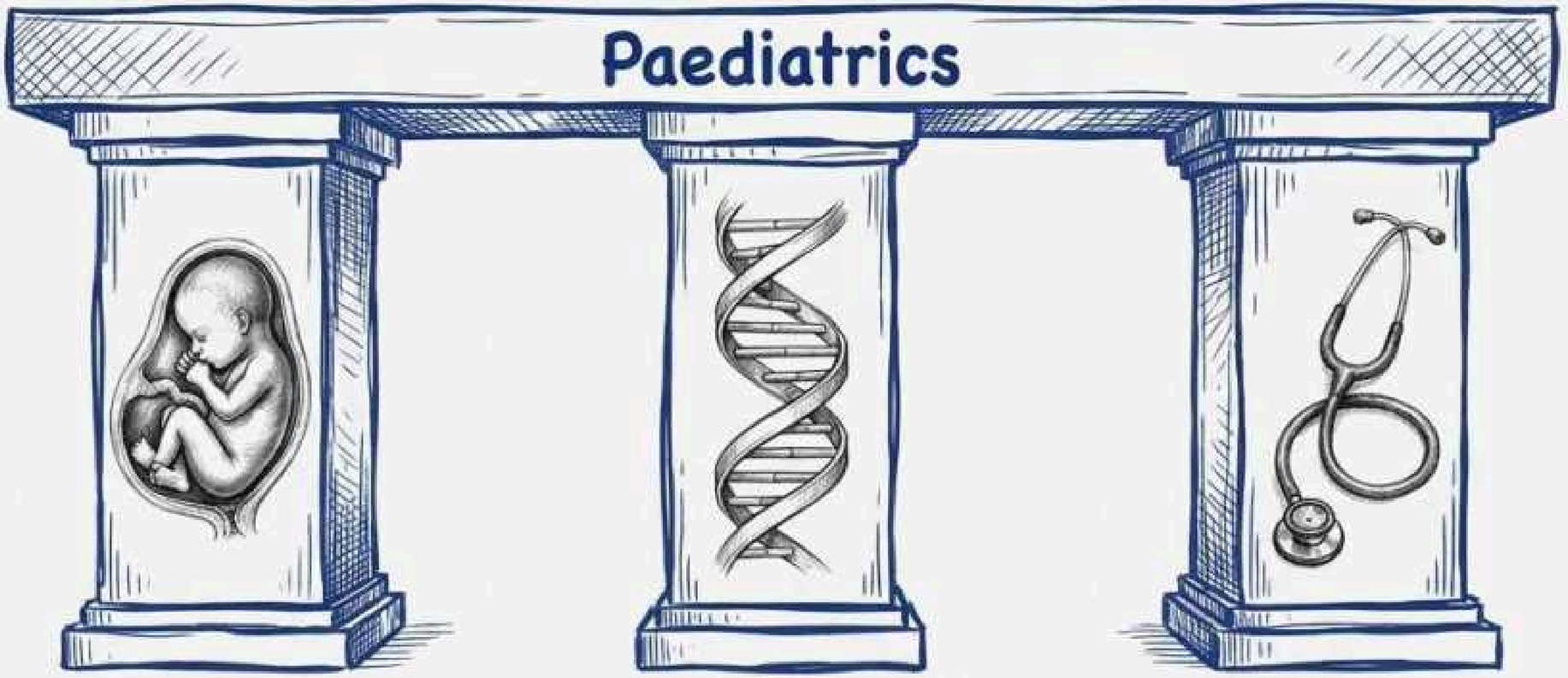
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Curriculum Map



Foundational Prerequisites

$$\sum(\text{MED_532B} + \text{MED_503B} + \text{MED_535B}) = \text{Foundation for MED_543B}$$



MED 532 B:
Reproductive Biology
(Pregnancy & Birth)

MED 503 B:
Genetics in Modern
Medicine

MED 535 B:
Introduction to
Clinical Medicine

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The Paediatric Axiom



$$\int(\text{Parental Intuition}) + \Delta(\text{Child Observation}) = \text{Diagnosis}$$



Listen to the Parent/Carer

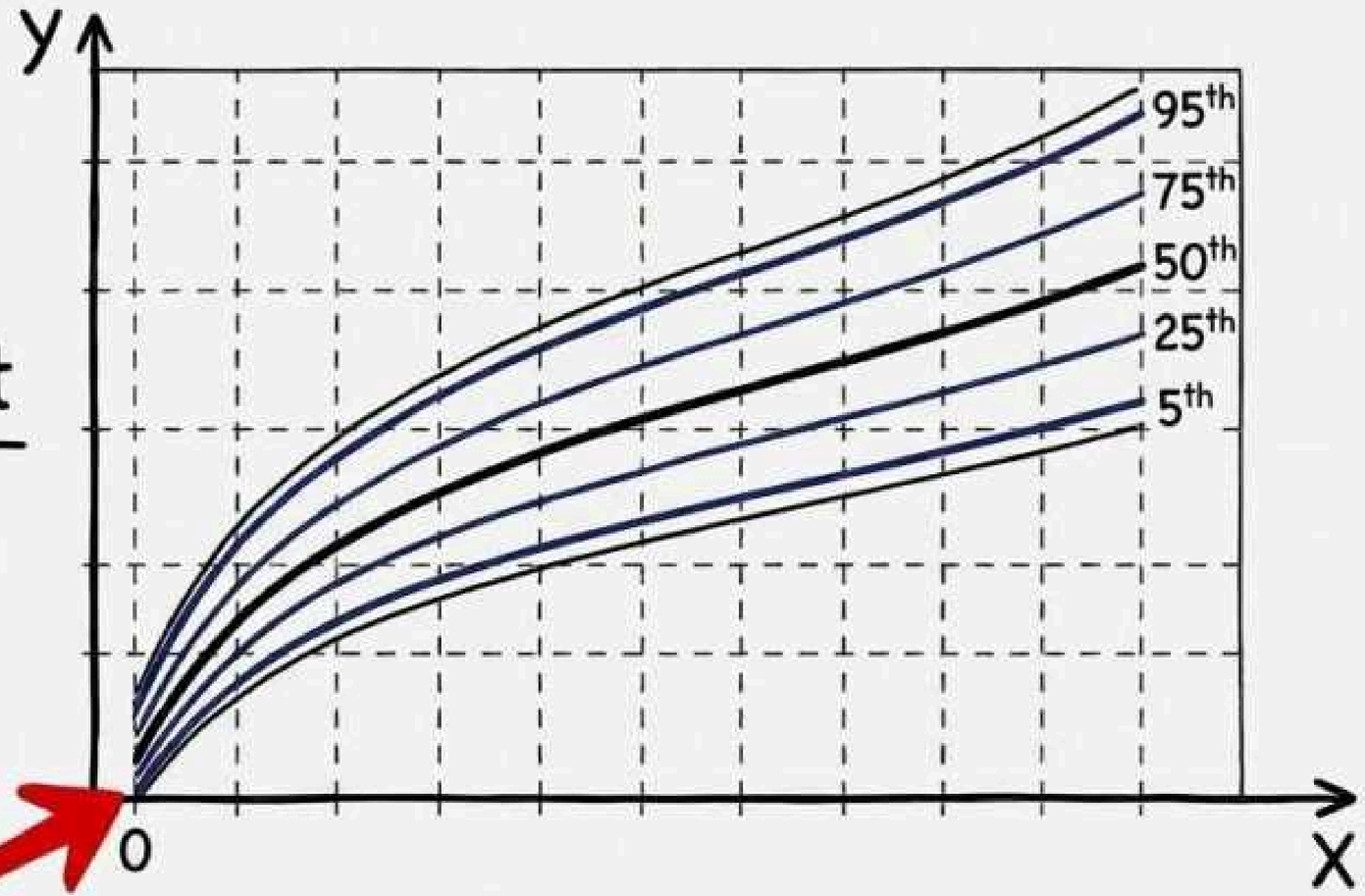
Their sense that something is wrong deserves to be taken seriously. Usually the most important source of information.

Look at the Child

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Initiation

$$f(x) = \frac{\text{Height/Weight}}{\text{over Time}}$$



Begin: How children grow and develop.

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