

Sleep

Evidence of persistent sleep disturbances:

- Less sleep and difficulty falling asleep
- Frequent night wakings
- Structural and functional differences in brain regions associated with sleep

Body composition

More likely to have:

- Low weight and short stature
- Sex-specific, weight-related issues after puberty onset

Vision

Some evidence of:

- Refractive errors
- Needing glasses
- Eye misalignment
- Structural anomalies

Hearing

Some evidence of:

- Hearing loss

Body composition

More likely to have:

- Low weight and small stature

Vision

Some evidence of:

- Refractive errors
- Subnormal visual acuity
- Ocular motility problems
- Structural anomalies

Hearing

Some evidence of:

- Hearing loss (conductive and/or sensorineural)
- Auditory processing difficulties
- External, middle, inner ear abnormalities

Cardiovascular health

More likely to experience:

- Heart disease
- Hypertension

Metabolic disease

Some evidence of:

- Thyroid disease
- Type 2 Diabetes Mellitus
- Abnormal fat metabolism

Cardiovascular health

Increased risk of:

- Congenital heart defects
- Variable heart rate

Cardiovascular health

More likely to experience:

- Hypertension

Metabolic disease

Some evidence of:

- Thyroid problems
- Impaired glucose metabolism

Renal function

More likely to experience:

- Kidney stones
- Chronic kidney disease

Immune system

Some evidence of:

- Frequent infections
- Higher prevalence of autoimmune disease

Immune system

Some evidence of:

- Increased risk of infection

Renal function

Some evidence of:

- Altered kidney function and structure

Immune system

Some evidence of:

- Frequent illness
- Chronic infections
- Atopy and autoimmune disease

Body composition and bone health

Some evidence of:

- Weight-related issues
- Joint pain
- Low bone mineral density

Reproductive health

Some evidence of:

- Recurrent miscarriage
- Pregnancy complications
- Premature menopause
- Altered testes development and sperm quality

Bone health:

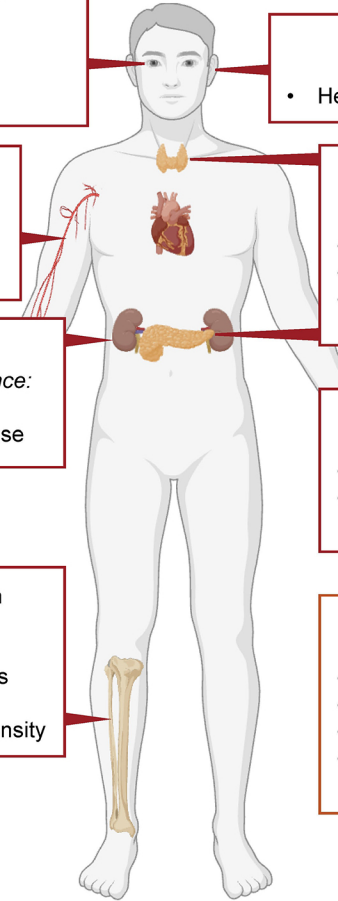
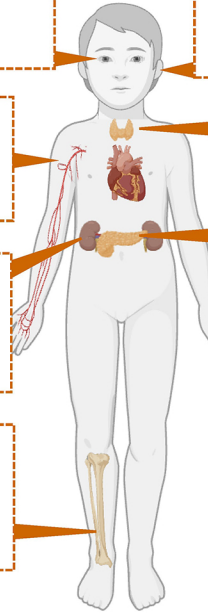
Some evidence of:

- Increased risk of bone fractures

Reproduction

Some evidence of:

- Delayed puberty onset



Infancy

Childhood and Adolescence

Adulthood

Life Span