


| | | | |
|---------------|---------|------------|--|
| Date of birth | Surname | First name | Male  |
|---------------|---------|------------|--|

Family's contact details

.....

State of health of the child

Problems during pregnancy no yes, my child is adopted

Problems at birth no yes, delivery (weeks/ days): sectio

Birth details length (cm): weight (g): head circumference (cm):

I evaluate my child's motor development as normal late very late.

I evaluate my child's speech development as normal early late.

Details on growth and state of health in the family

Allergies, illnesses or conditions in the mother's or father's family:

.....

.....

.....

| Parents | Current height (cm)/ weight (kg) | Pubertal development | Comments |
|---------|----------------------------------|--|----------|
| Mother | | Menarche age (years) | |
| Father | | <input type="checkbox"/> normal <input type="checkbox"/> early <input type="checkbox"/> late | |

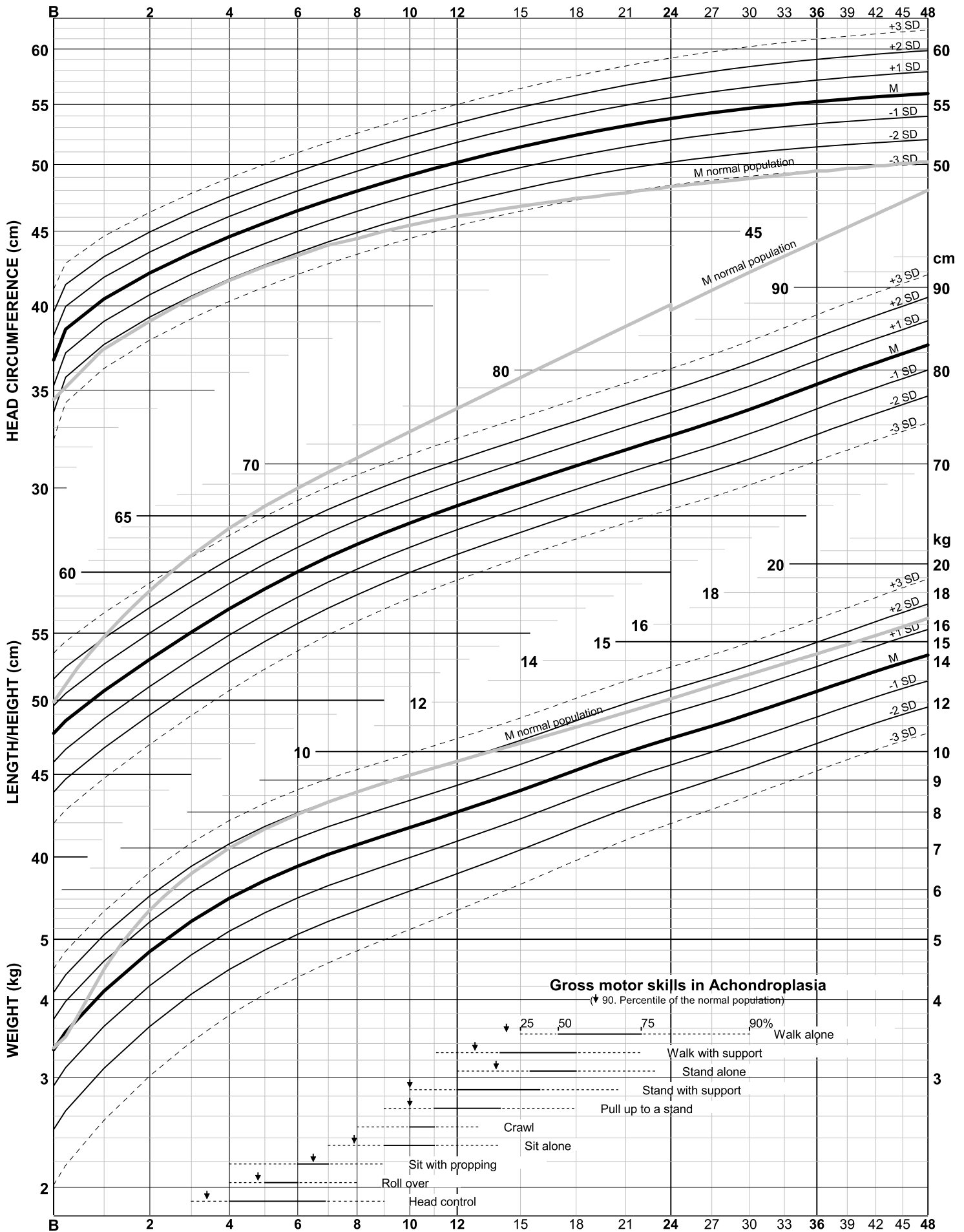
| Siblings | brother/ sister | brother/ sister | brother/ sister | brother/ sister |
|---------------|-----------------|-----------------|-----------------|-----------------|
| Age (yrs, mo) | | | | |
| Height (cm) | | | | |

Achondroplasia Guidelines for Health Supervision adapted from Trotter et al., 2005*

| Evaluation | Recommended ages | Date performed | | | | | | | |
|---|---------------------------|----------------|--|--|--|--|--|--|--|
| | | | | | | | | | |
| Neurology | | | | | | | | | |
| Physiotherapy | | | | | | | | | |
| Orthopaedics | yearly after walking age | | | | | | | | |
| Audiology/ ENT | at 12mo, 24mo then yearly | | | | | | | | |
| Orthodontics | yearly as of 4y | | | | | | | | |
| Radiology of legs | | | | | | | | | |
| Review of sleeping position/ snoring/ apnea | | | | | | | | | |
| Respiratory/ sleep study | | | | | | | | | |
| Gait assessment | | | | | | | | | |
| Support groups Families network | | | | | | | | | |
| Adjustment of home/ school environment (occupational therapist) | | | | | | | | | |

*Trotter et al. American Academy of Pediatrics Committee on Genetics. Health supervision for children with achondroplasia. Pediatrics. 2005; 116:771-83.

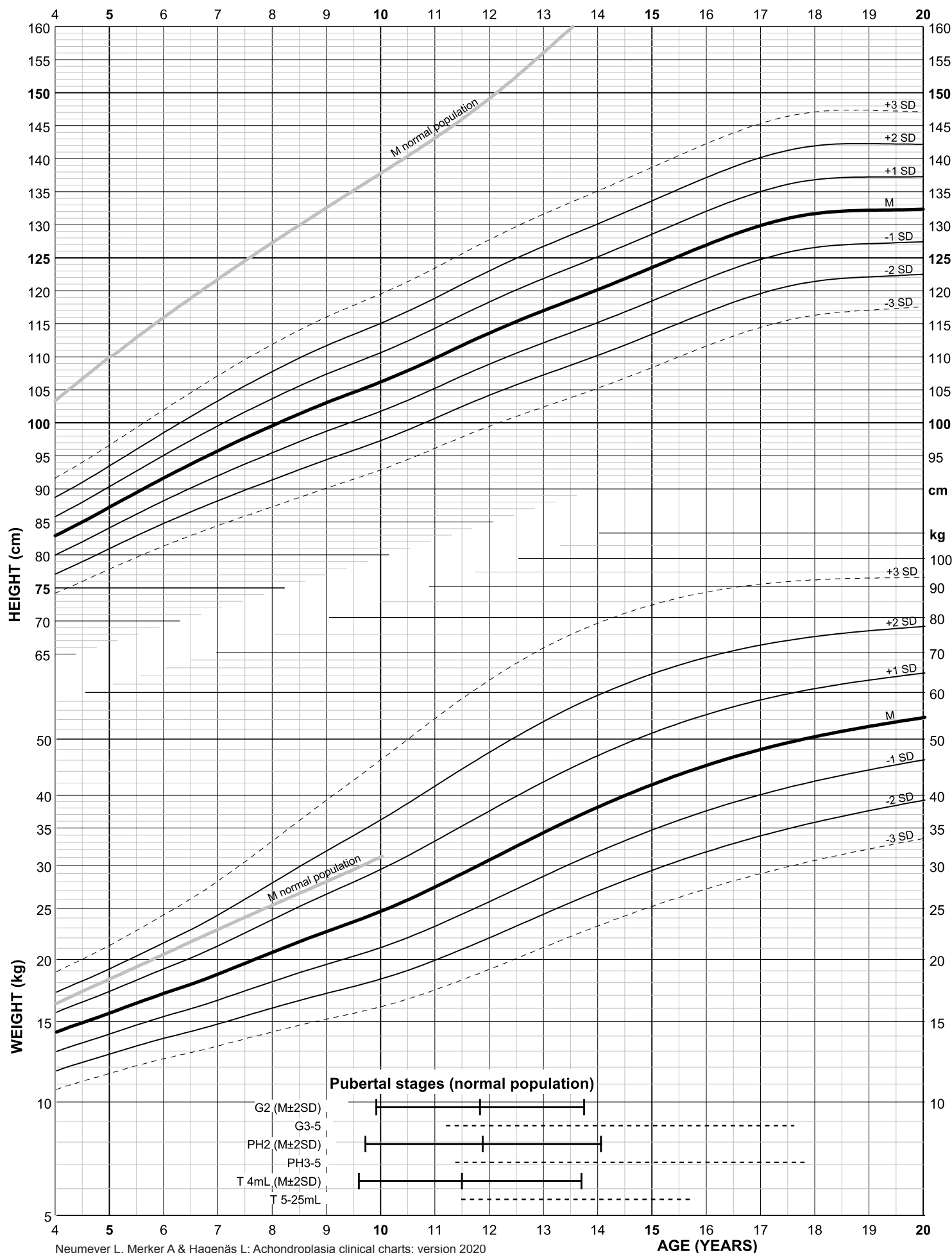
Length/height, weight and head circumference for age, 0-48 months, Achondroplasia



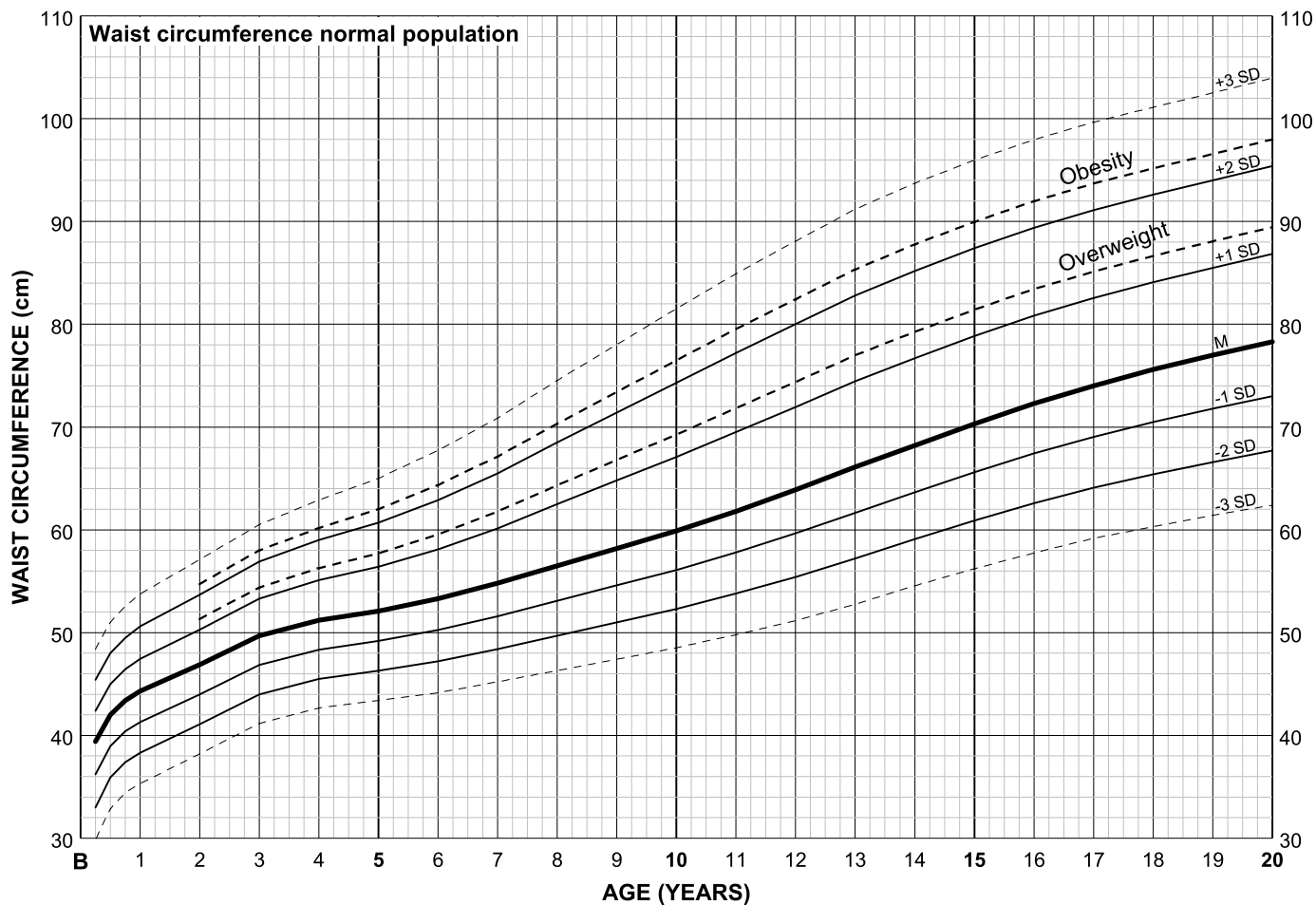
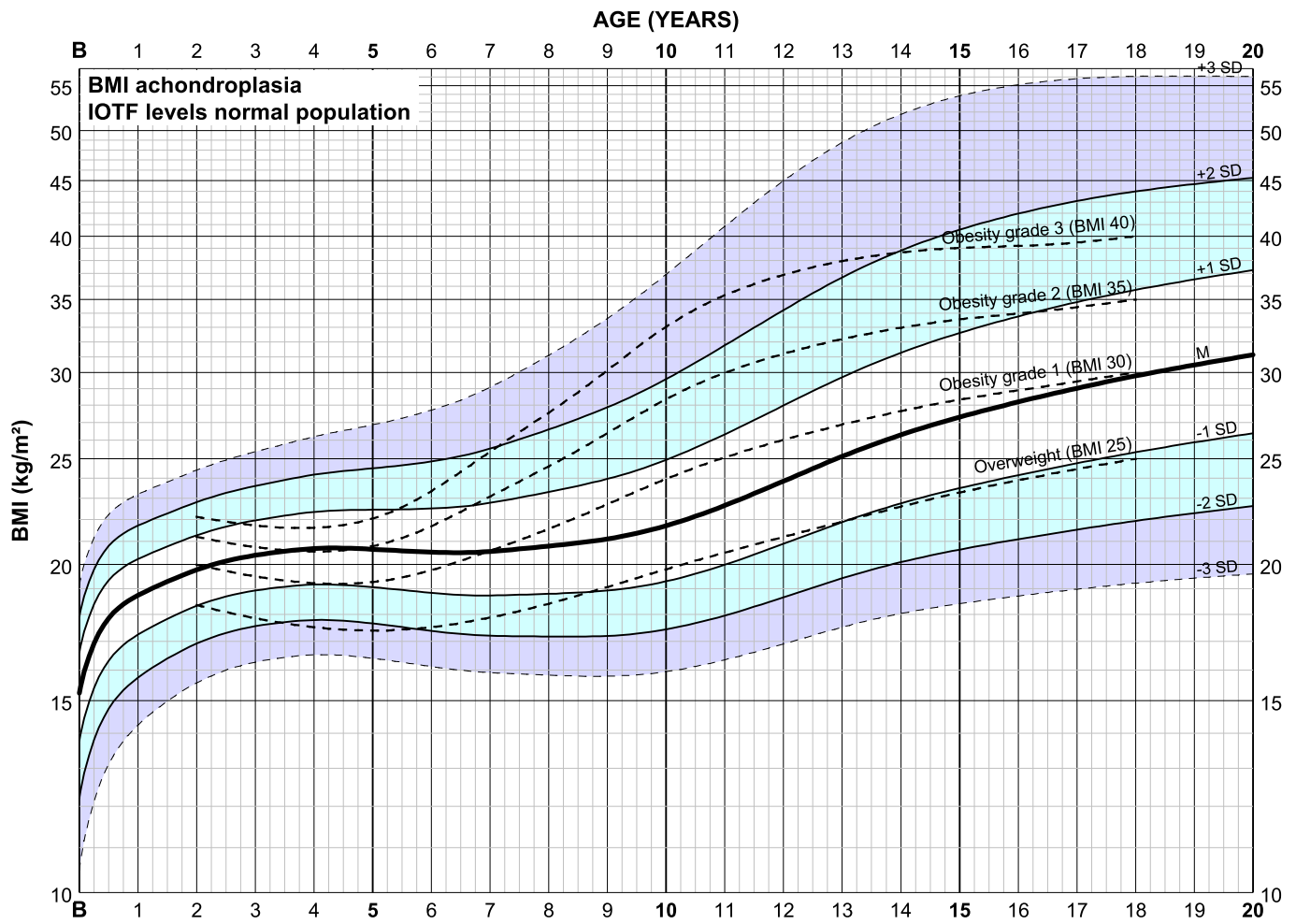
Neumeyer L, Merker A & Hagenäs L; Achondroplasia clinical charts; version 2020
 WHO Child Growth Standards; Acta Paediatr Suppl. 2006 (Median of normal population)
 Todorov AB et al.; Am J Med Genet. 1981; 9(1):19-23 (Gross motor skills in achondroplasia)

AGE (MONTHS)

Height and weight for age, 4-20 years, Achondroplasia

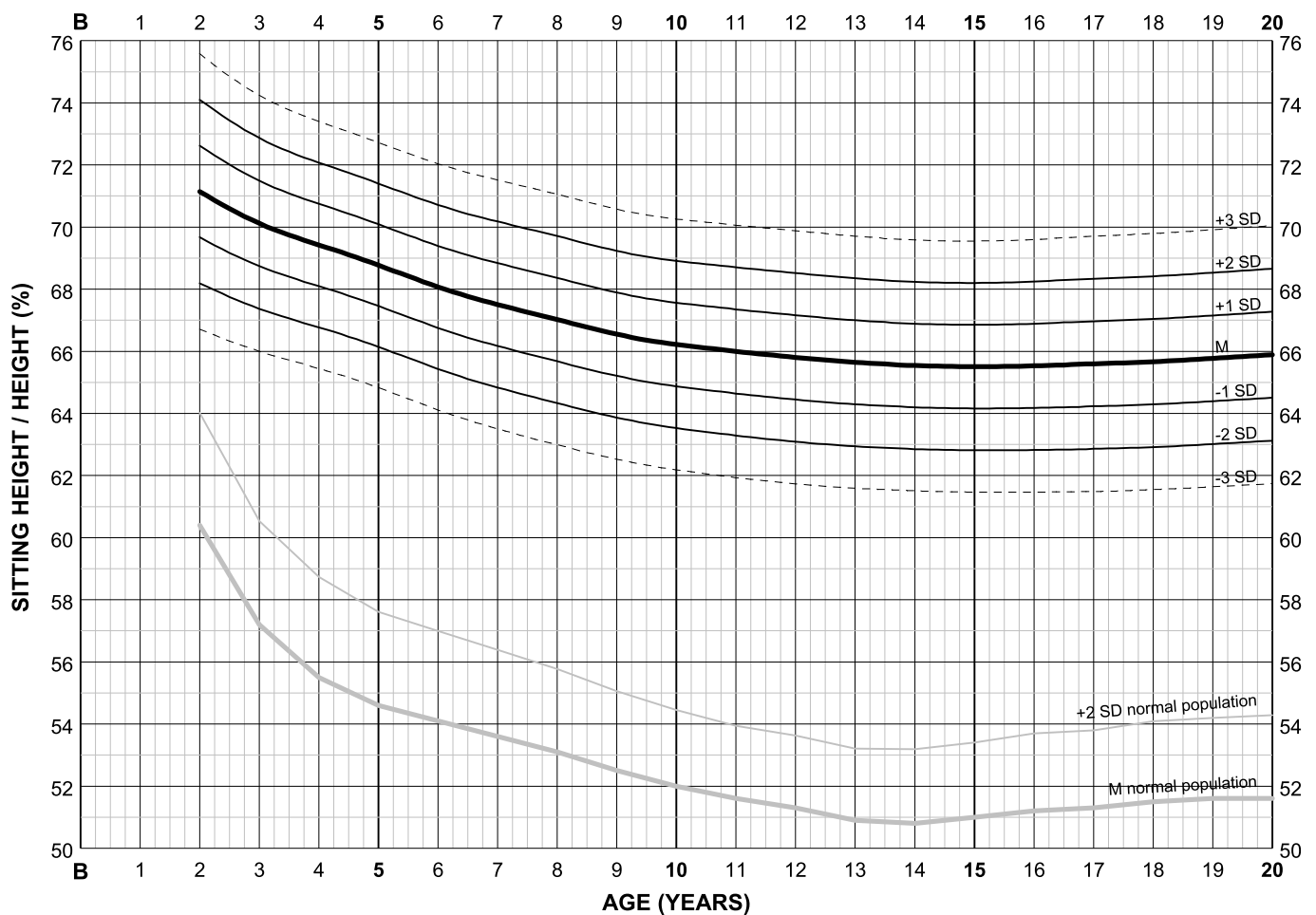
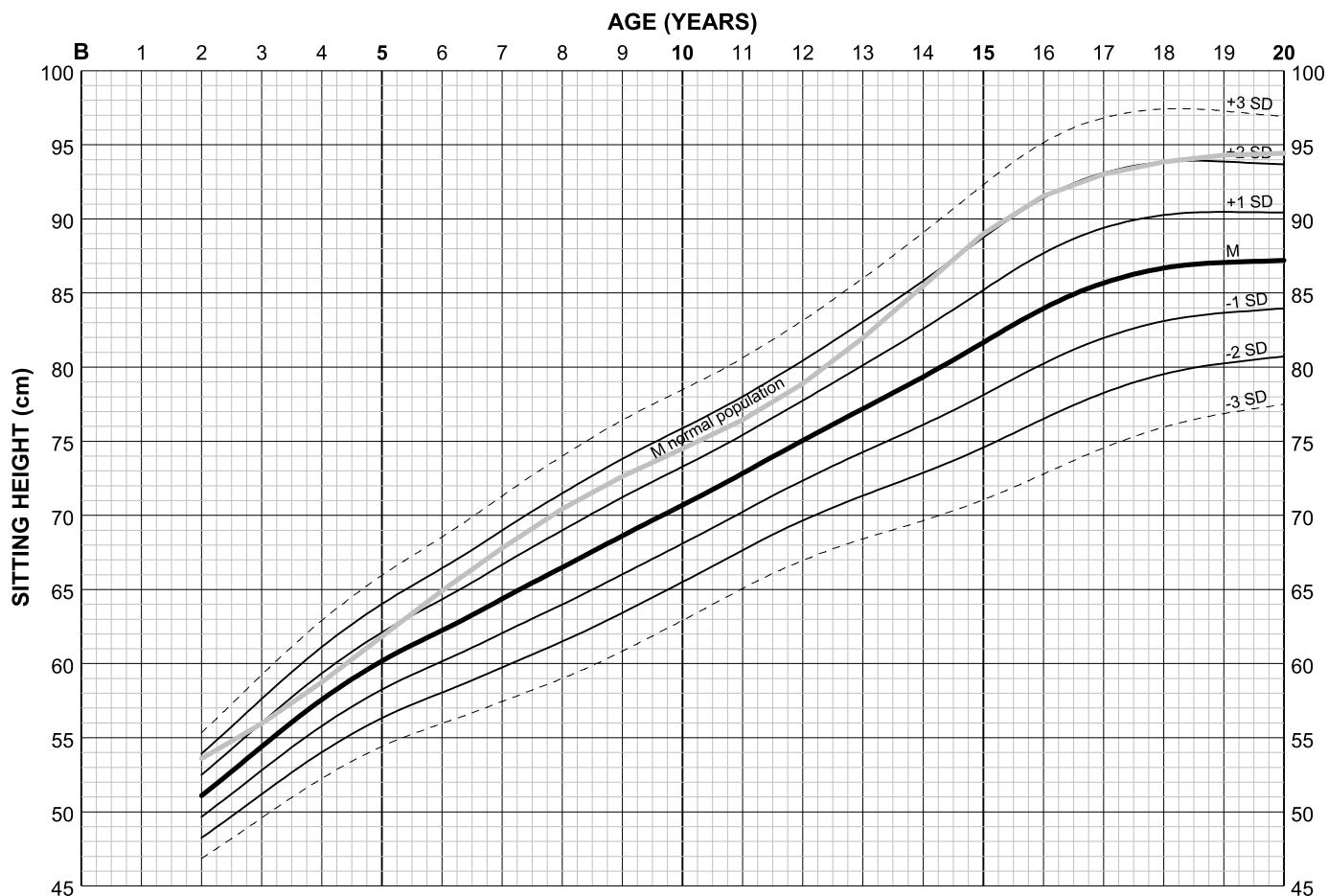


Neumeyer L, Merker A & Hagenäs L; Achondroplasia clinical charts; version 2020
 WHO Child Growth Standards; Acta Paediatr Suppl. 2006; Bull World Health Organ. 2007 (Median of normal population)
 Juul A et al.; Int J Androl. 2006; 29(1):247-55 (Pubertal stages of normal population)

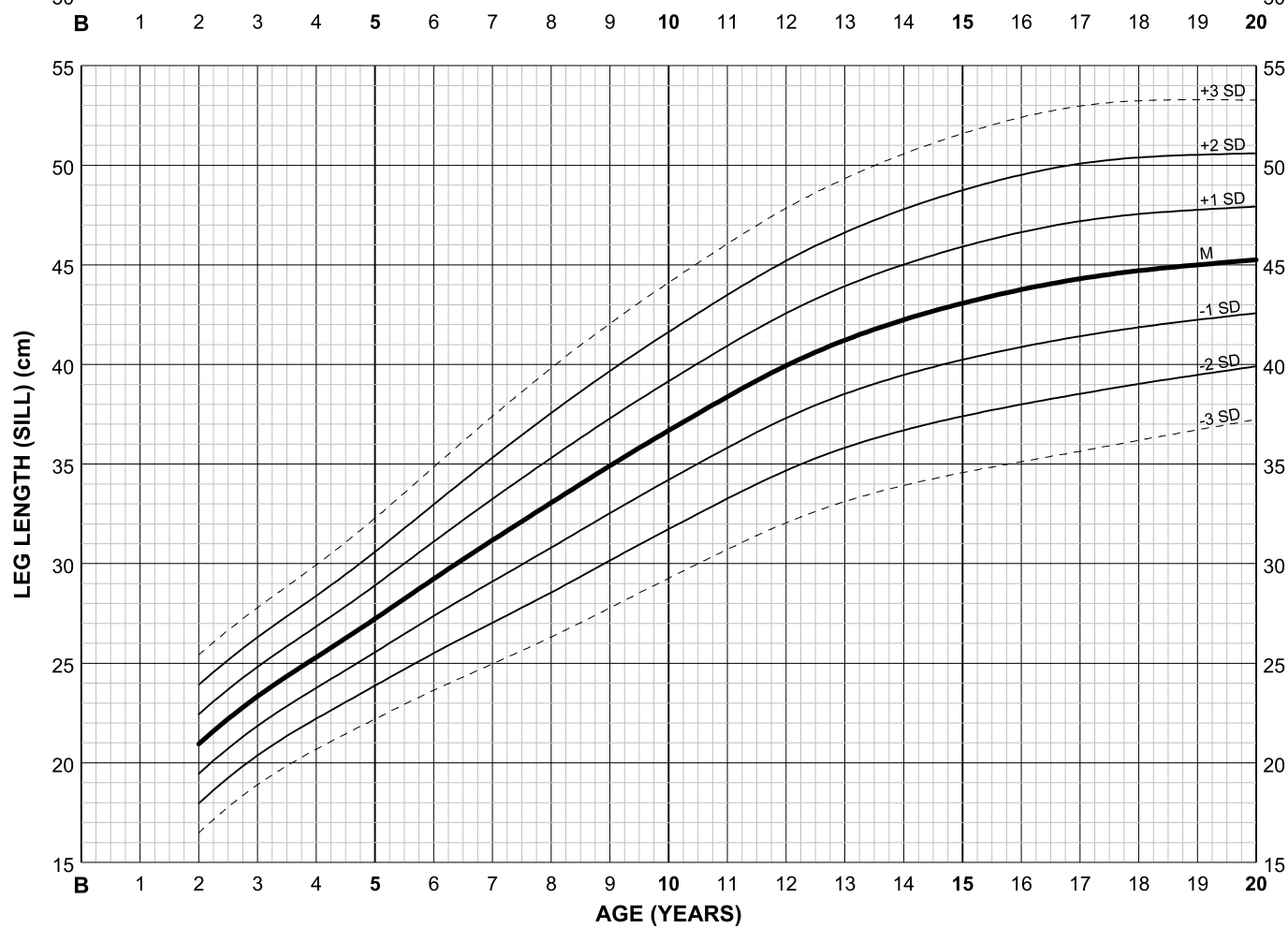
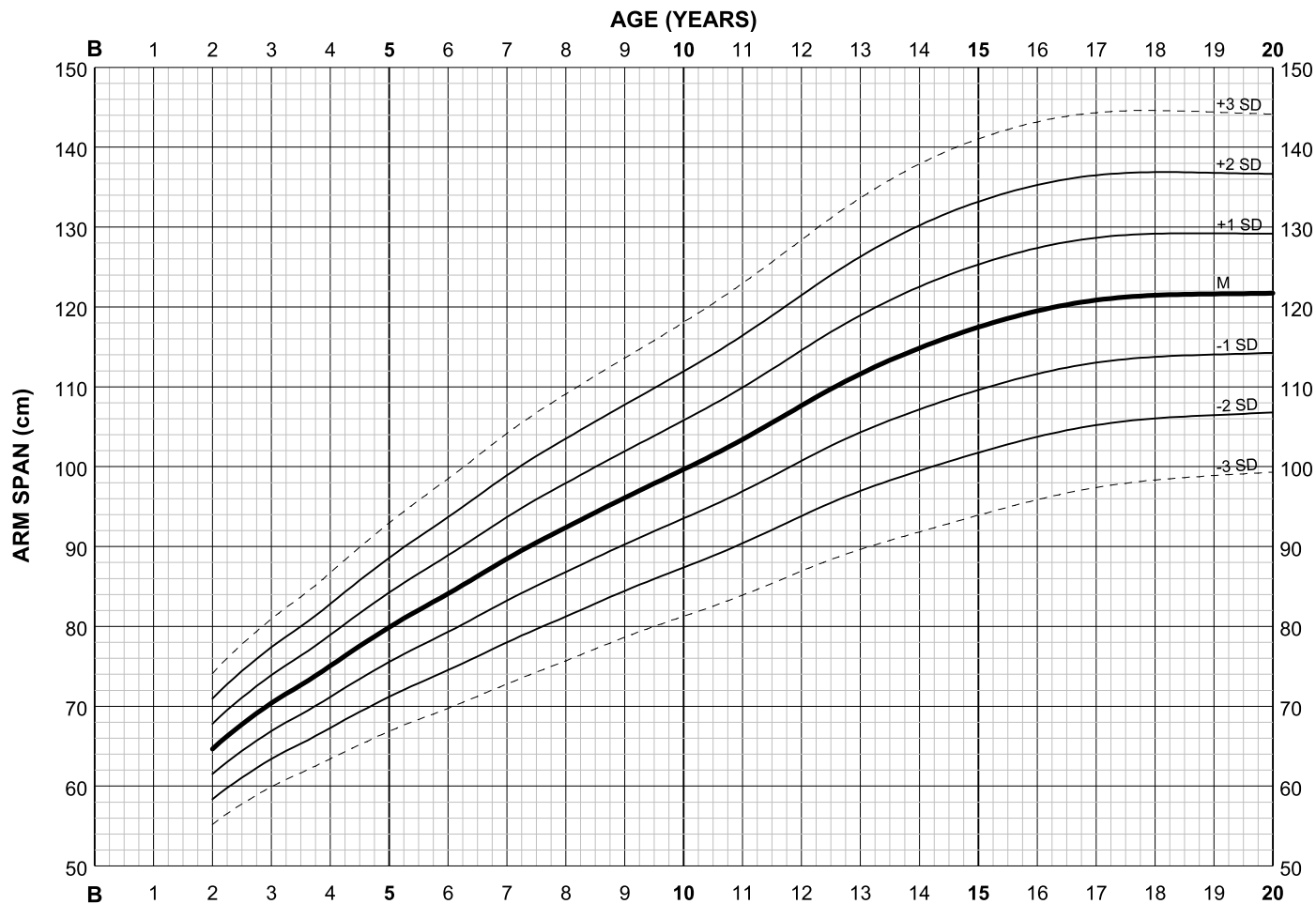


Neumeyer L, Merker A & Hagenäs L; Achondroplasia clinical charts; version 2020
 Cole TJ, Lobstein T; *Pediatr Obes.* 2012; 7(4):284-94 (IOTF BMI cut-offs, dotted lines)
 Fredriks M et al.; *Eur J Pediatr.* 2005; 164(4):216-22 (Waist circumference of normal population)

Sitting height and sitting height / height ratio for age, 2 to 20 years, Achondroplasia



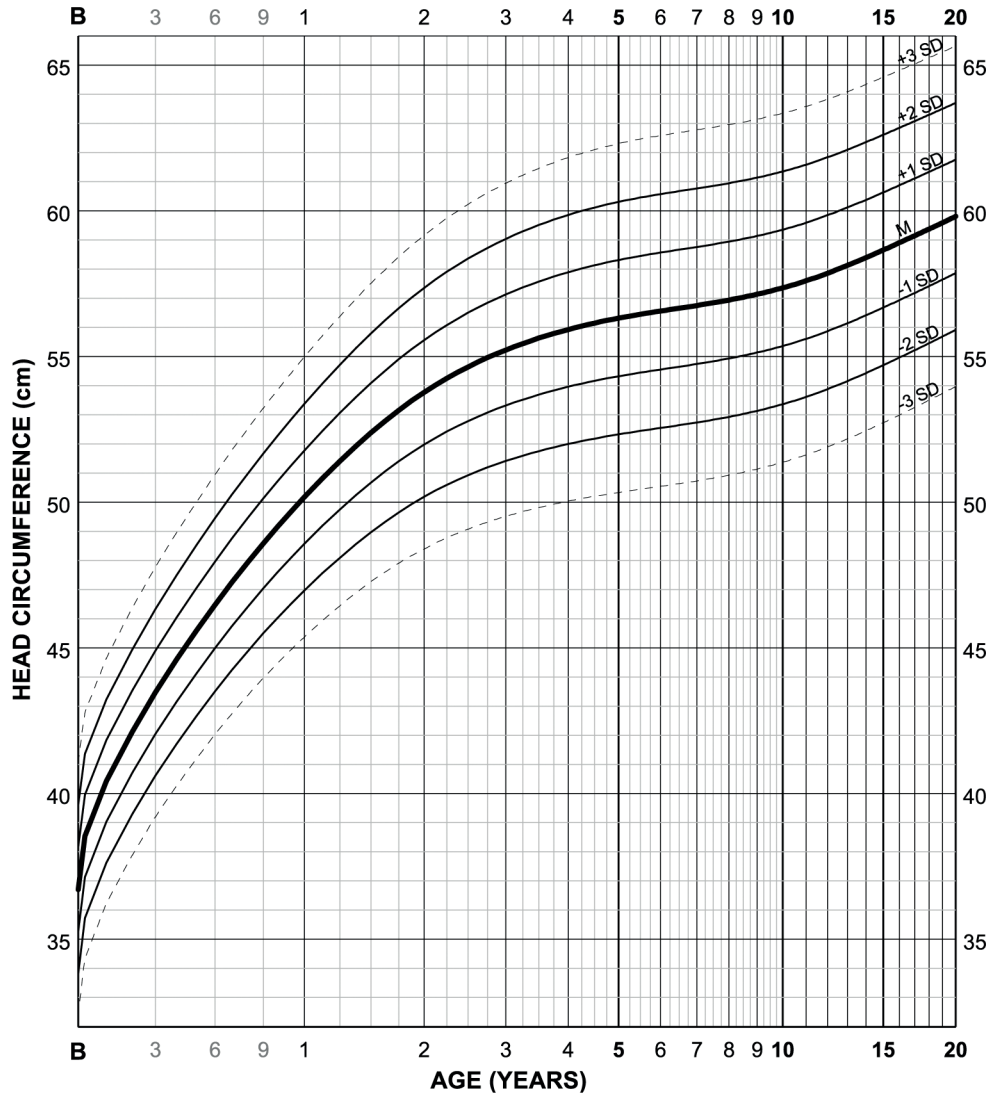
Arm span and leg length (SILL) for age, 2 to 20 years, Achondroplasia



Surveillance of head circumference and neurological function, Achondroplasia

| | Date(s) performed |
|---|-------------------|
| MRI brain, spine | |
| Ultrasound ventricles | |
| Radiology/ CT spine | |
| Craniocervical decompression/ shunt | |
| Symptomes spinal stenosis, High angle (L/R) (in Thomas position)* | |

* Siebens AA, et al. Curves of the achondroplastic spine: a new hypothesis. Johns Hopkins Med J. 1978; 142:205-10.



Foot length for age, 0 to 20 years, Achondroplasia

