**Measurements needed at each review:**

* **Head circumference – if increasing centile consider imaging and urgent neurology referral**
* **Height and weight – consider endocrine review if growth abnormalities.**
* **Blood pressure – if hypertensive examine for evidence of coarctation; ask about symptoms of catecholamine excess; consider echo and imaging for renal artery stenosis.**

**Cosmetic concerns: Refer to dermatology / plastics.**

**Concerned about malignant changes: urgent referral to oncology.**

**Skin**

* Inspect for neurofibromas, glomus tumours and xanthogranuloma
* Ask about symptoms, impact and **red flags:**
* rapid growth, constant pain, neurological deficit.
* **Scoliosis** - look for signs during entire growth period, especially during puberty
* **Pseudarthrosis** (til age 3)- tibia most commonly affected but radius & ulna may be also
* **Sphenoid Dysplasia** - present at birth

**Any curvature or bowing, refer to orthopaedic surgeon**

**Skeleton**

**Urgent referral to ophthalmologist if there are concerns about visual symptoms.**

**Eyes**

* Check having annual **ophthalmic reviews** to age of 18 years (3 yearly after 8years if good historian).
* Look for **squint, proptosis, and loss of colour vision, visual fields and visual acuity.**

**If symptomatic: refer to neurologist.**

**If evidence of raised ICP, CNS tumour or spinal cord compression arrange imaging and urgent referral.**

**If hearing deficit – refer to audiology**

**If hearing**

* Look for symptoms + signs of peripheral and CNS tumours, spinal cord compression and raised ICP (full neurological exam, including hearing assessment)
* Review **epilepsy if present**.

**Neurology**

**Development**

**If abnormal pubertal status: refer to endocrinologists. If developmental delay: appropriate MDT referrals.**

* Review development - note **coordination**, **speech and social communications disorders**.
* Record Tanner's pubertal staging – looking for **Precocious** or **late puberty** .

**Education and behaviour**

**Consider professional assessment of education needs or referral to MDT.**

* Learning and behavioural problems (**ADD, ADHD, autism**)
* Monitor progress in school and conduct pre-school assessment

**Other systems:**

Review of other systems if indicated by symptoms – eg cardiovascular, abdominal, endocrine. The cardiovascular system should be examined at least once in the absence of symptoms to check for murmurs.

**Transition** planning from the age of 14 years