**Type 1 diabetes mellitus and precocious puberty: rare association**

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- Precocious puberty is defined as pubertal development that begins at an earlier age than expected; most pediatric endocrinology subspecialists use cutoff ages of 8 years for girls and 9 years for boys.
- We reported in this case, rare association between type 1 diabetes mellitus and precocious puberty.

**Clinical examination**
- Weight: 23 kg (+1,65 DS)
- Height: 121 cm (+2,04 DS)
- BMI=15,70 kg/m²
- **Tanner classification:** A1 P3 S3
- Vaginal mucosa was estrogenized.
- Growth velocity: 8,5 cm/year

**Are there any signs of estrogenic impregnation?**
- Pelvic ultrasound:
  - Uterine size: 37 mm
  - Ovarian size and volume:
    - L: 15,9 mm x 11,1 mm
    - R: 17,4 mm x 12,3 mm
- **Bone age:** 8 ans,
- **Chronological age:** 6 ans

**Evolution**
- GnRH stimulation test: LH = 5,8 IU/L
- MRI: NL

**Biochemically and MRI**
- Traitement: GnRHa (DECAPEPTYL®, 1 inj/mois IM)

**Conclusion**
- Precocious puberty and type 1 diabetes is a rare association.
- The relationship has not been determined