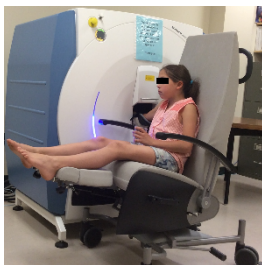


Bone Strength Development Study for children (8-14y) with type 1 diabetes

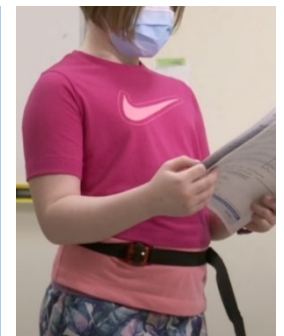
Your child is invited to take part in a research project (Bone Strength Development Study) assessing bone health in children with type 1 diabetes (T1D). This study examines how and why bone strength development in children with T1D differs from children who do not have T1D. Findings will clarify why fracture risk is higher in children with T1D, and guide therapies to optimize bone strength development. We are recruiting boys and girls, 8-14 years of age, with T1D. Study measurements include bone and muscle images, muscle strength, physical activity as well as health and nutritional assessments.

More information of the study can be found here or by contacting research assistant Dr. Chantal Banda (bsds@usask.ca), or principal investigators: Drs. Munier Nour (munier.nour@usask.ca) or Saija Kontulainen (saija.k@usask.ca).



Appointment at the University of Saskatchewan (~90 min):

- Two forearm and lower leg bone scans
- Physical performance testing (such as long jump and grip strength)
- 7-day physical activity monitor
- Height, weight, and limb lengths
- Health, activity, and nutrition questionnaires



You may watch video about study here:

https://youtu.be/_Fi8iCuhA0w

or introduction to measurement here:

<https://youtu.be/5prh98Wsrq4>

or follow us  @BSDStudy or  @BSDStudy



If your child is interested in participating in this study, please contact our study coordinator at: bsds@usask.ca or (306) 966-1096