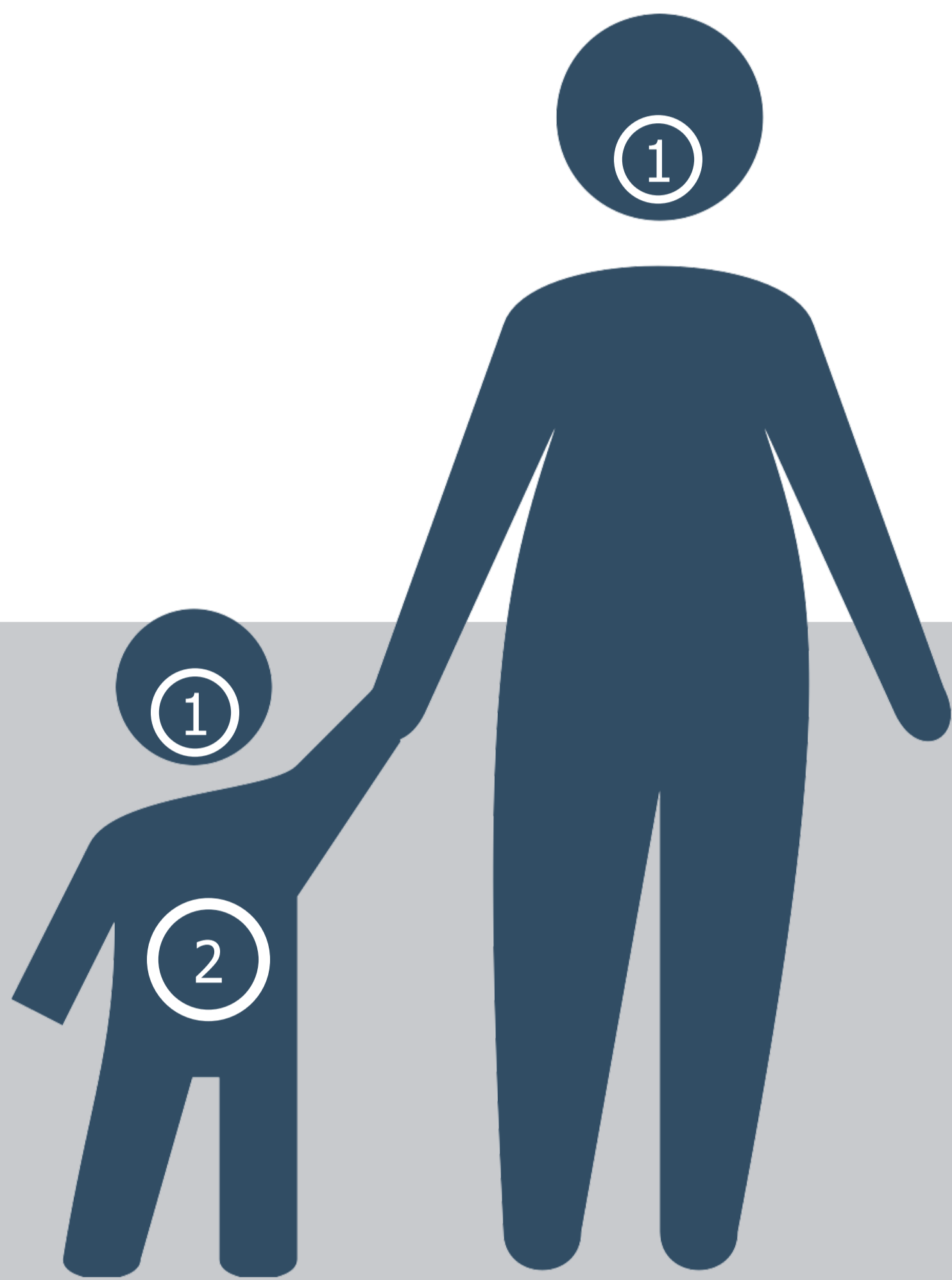




Oral Microbiota

May Predict Childhood Obesity



Analysis of:

- 226 mother-child pairs
- Oral and gut microbiota
- Child growth trajectories



Oral

Oral microbiota of two-year-old children:

- is associated with their growth trajectories
- is associated with rapid infant weight gain

Mom's diversity of oral microbiota is related to child's weight gain.



Gut

Gut microbiota of two-year-old children:

- is associated with neither rapid infant weight gain nor growth trajectories
- is influenced by diet

Signatures of obesity may be established earlier in oral microbiota than in gut microbiota.

Source:

Craig et al. 2018. Child weight gain trajectories linked to oral microbiota composition. Scientific Reports.