

Meredith's Mind

Partial Agenesis of the Corpus Callosum

Meredith



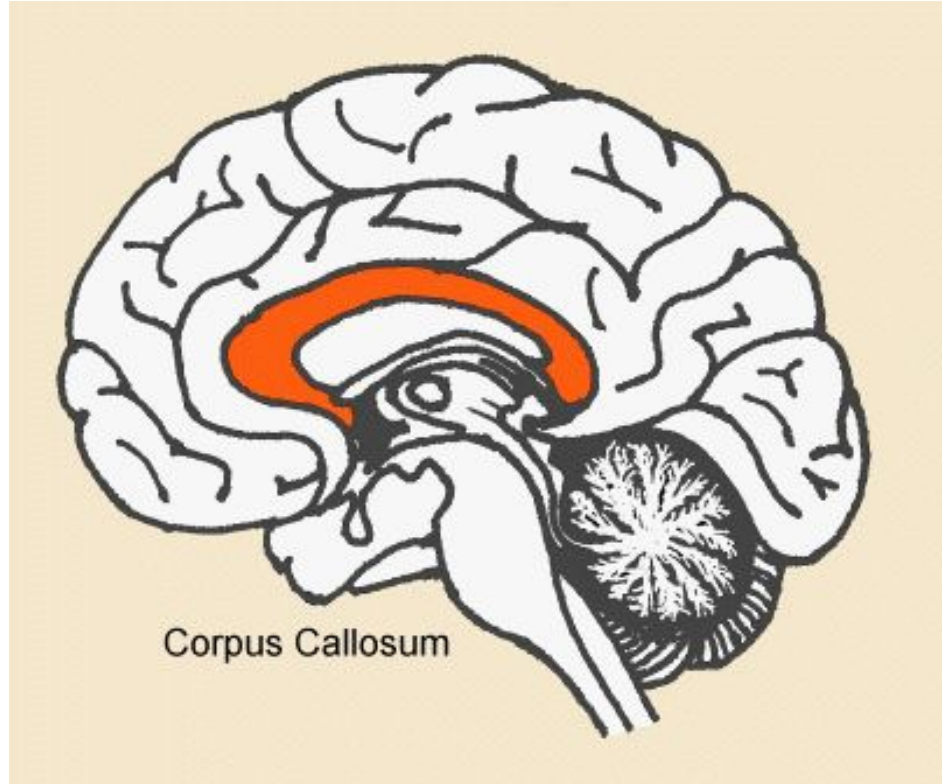
Meredith's Favorite Things:

- Drawing
- Listening to Beach Boys
- Hang out with friends
- Doing puzzles
- Playing on her ipad
- Spongebob Squarepants
- Cleaning
- Mardi Gras beads
- Riding her bike
- Her cat Finn



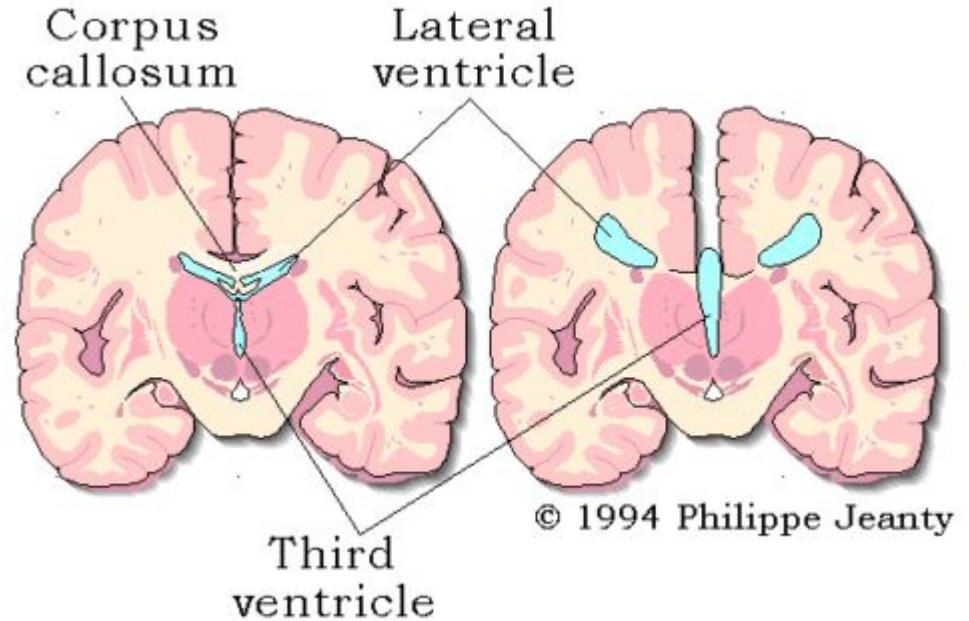
The Corpus Callosum

A long, thick band of nerve fibers that connects the left and right hemispheres of the brain and allows communication between them.

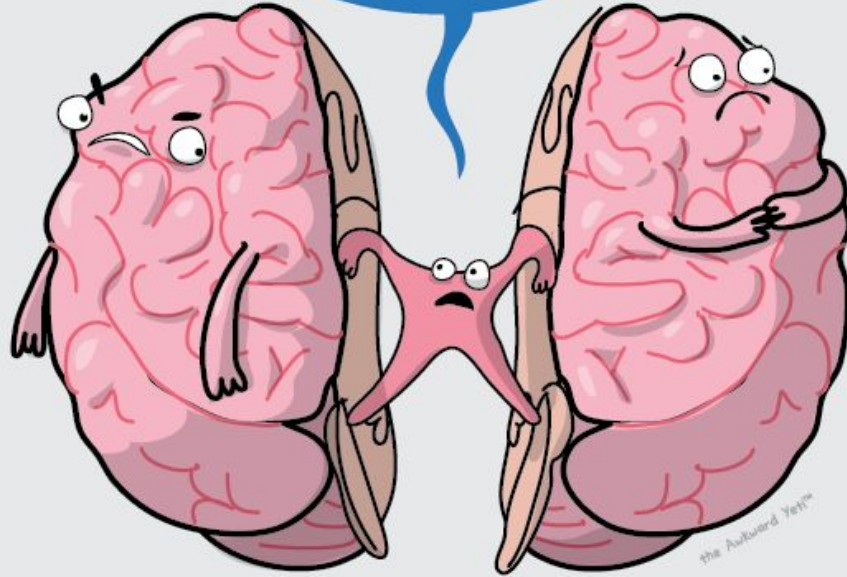


Aggenesis of the Corpus Callosum (ACC)

ACC is a rare birth defect in which there is a complete or partial absence of the corpus callosum. It occurs when the corpus callosum, the band of white matter connecting the two hemispheres in the brain, fails to develop normally, typically during pregnancy. The fibers that would otherwise form the corpus callosum become longitudinally oriented within each hemisphere and form structures called Probst bundles.



WE NEED
TO WORK
TOGETHER!



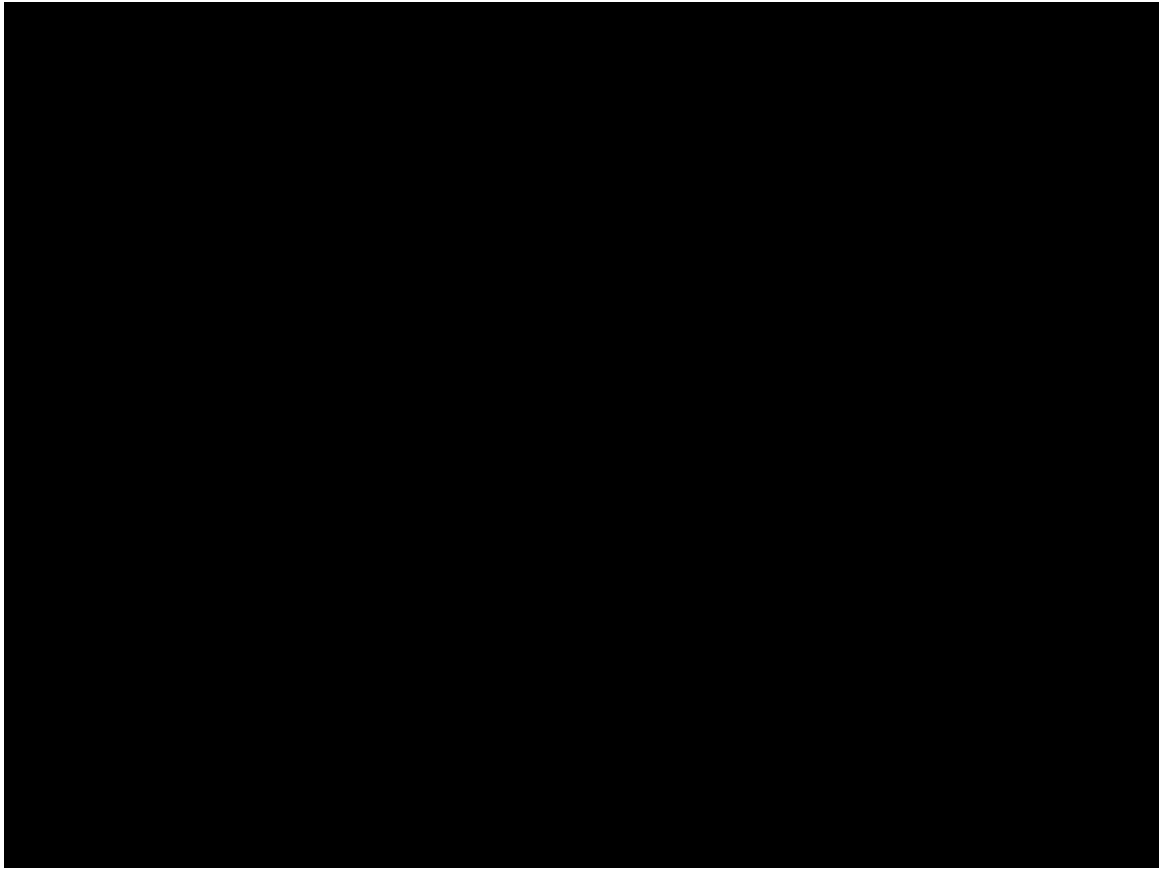
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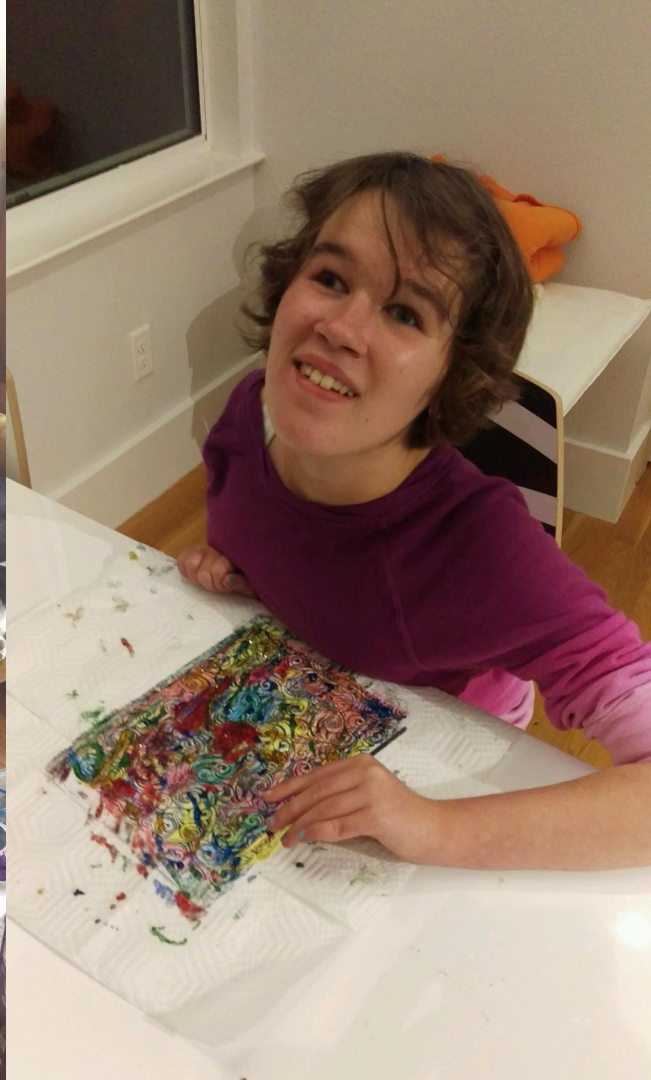
**CORPUS CALLOSUM
THE GREAT MEDIATOR!**

Characteristics of Early Markers for ACC

- delayed completion of motor developmental milestones - in particular, standing, crawling, walking, walking up stairs, and riding a bike;
- reduced pain perception;
- large head size;
- atypical cold sensitivity (mostly reduced, but could be increased);
- poor muscle tone (i.e. “floppy”);
- having an atypical body size (smaller or larger);
- increased sensitivity to touch;
- the presence of unusual physical features, such as eyes set wide apart, low-set ears or unusual head shape



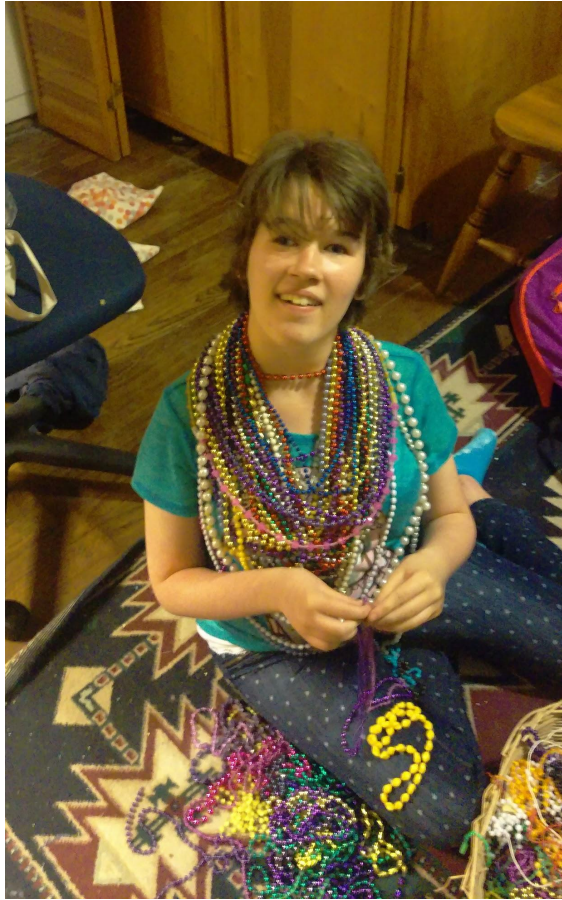








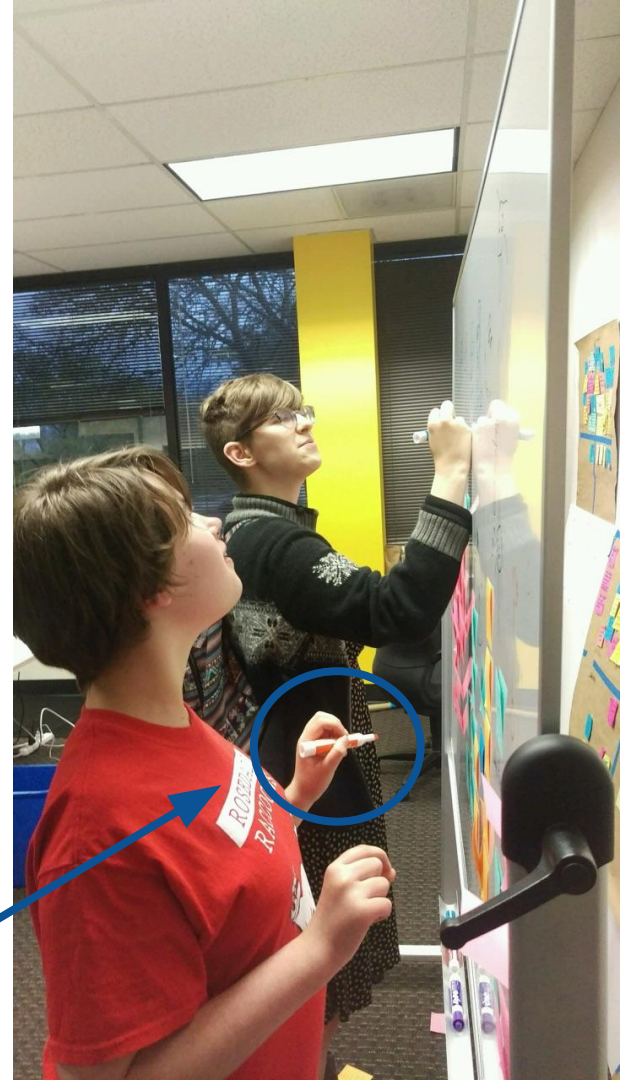




Left and mixed handedness is common



Right



Left



Sources:

“Meredith and Me” - A Memoir by Sarah Barnes (Available on Amazon.com)

“Physical, motor, sensory and developmental features associated with agenesis of the corpus callosum” - P. Moes, K. Schilmoeller, and G. Schilmoeller; Dec 7, 2008

["ACC - What is agenesis of the corpus callosum?"](#). - University of Maine. Retrieved April 11, 2010.

“The Developing Person Through the Life Span” - Kathleen Stassen Berger