

From Wearables to Invisibles!

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BREATHING

SLEEP



Emerald

ML



CAREGIVER INTERACTION

**GAIT
SPEED**







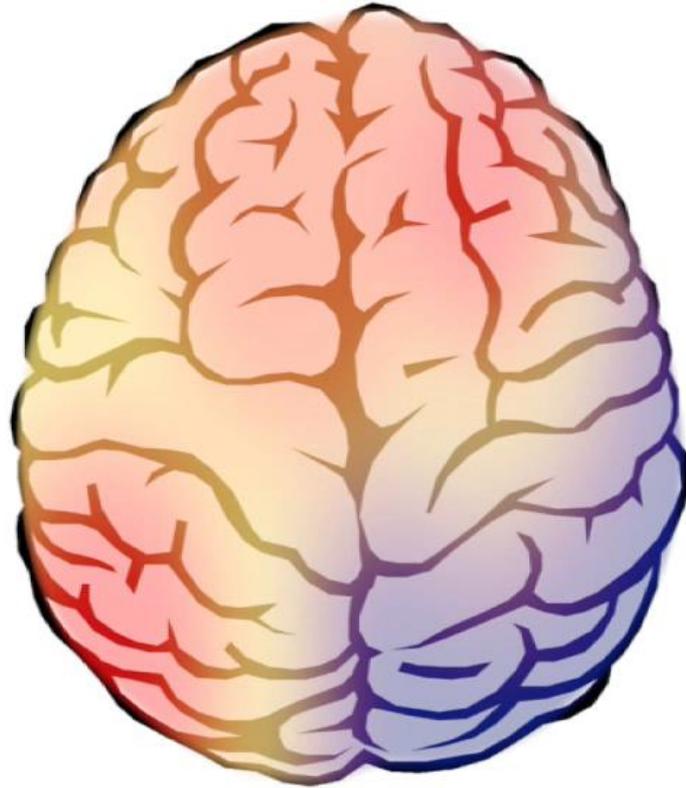
Device is
behind the
wall



Eating Toileting Behavior



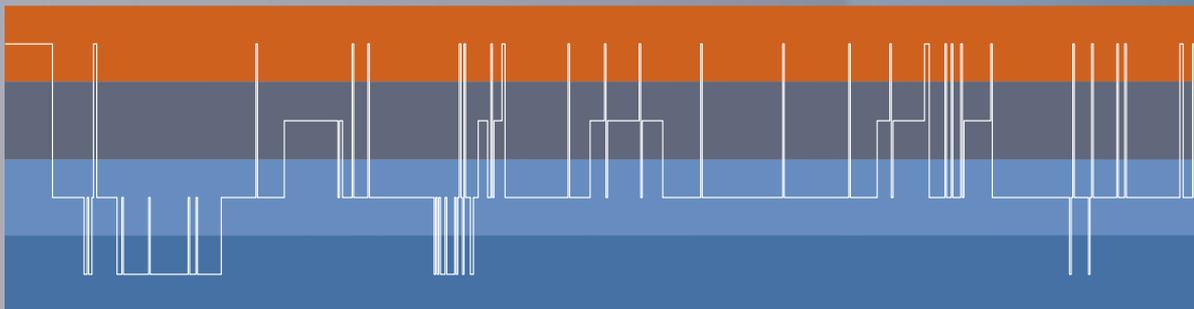
Sleep Stages





ML

Awake
REM
Light
Deep



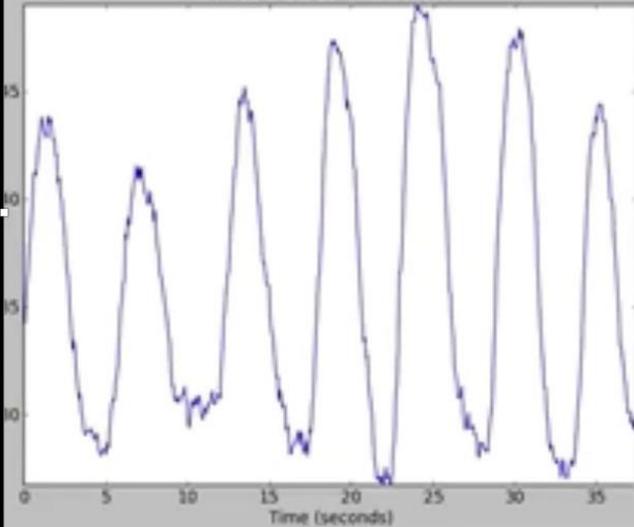
Time

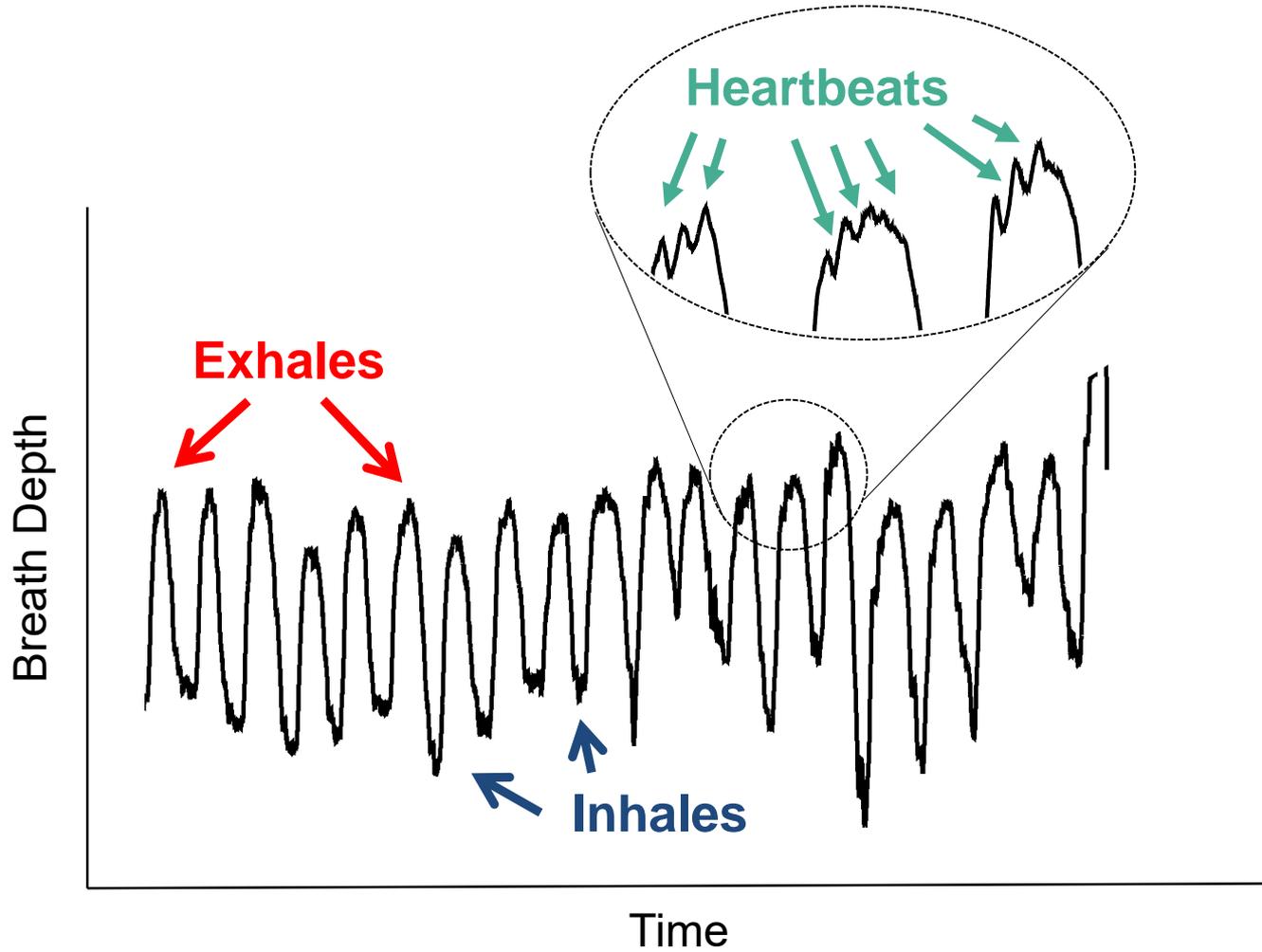


Breathing

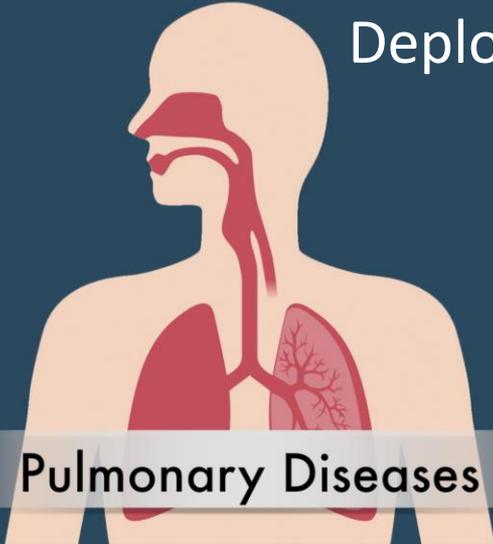
Figure 1

Real-time Breath Monitor





Deployed in 200+ homes



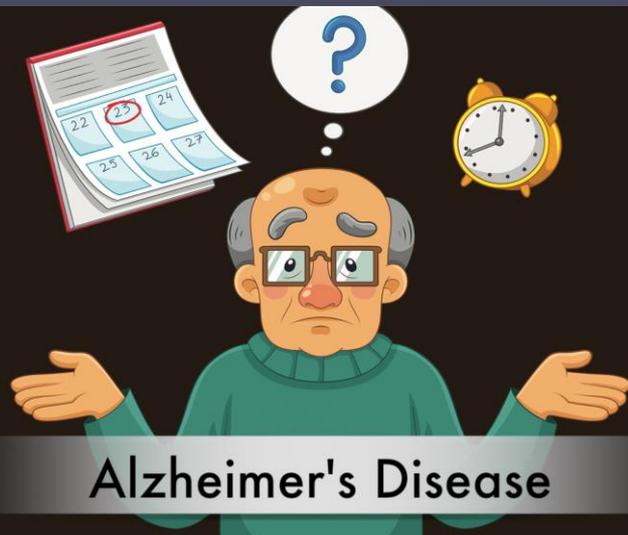
Pulmonary Diseases



Parkinson's Disease

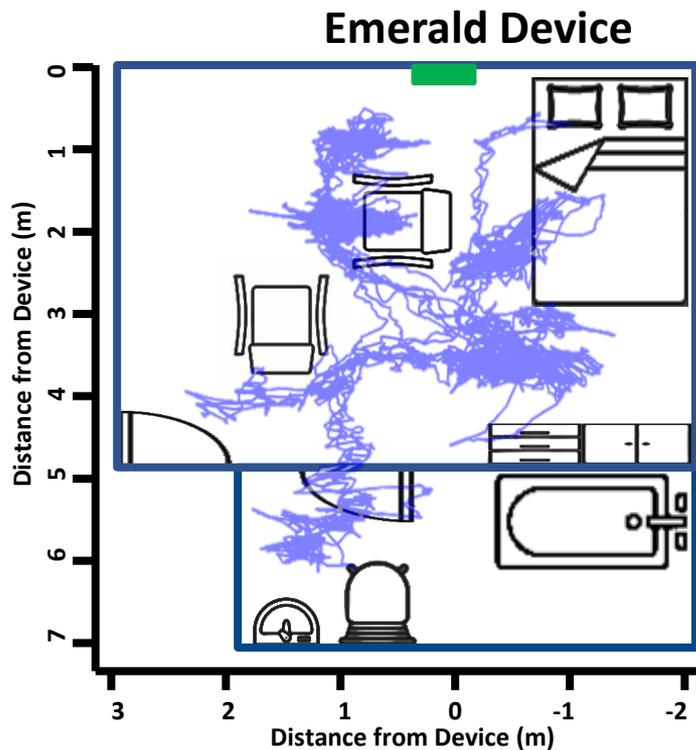


Depression



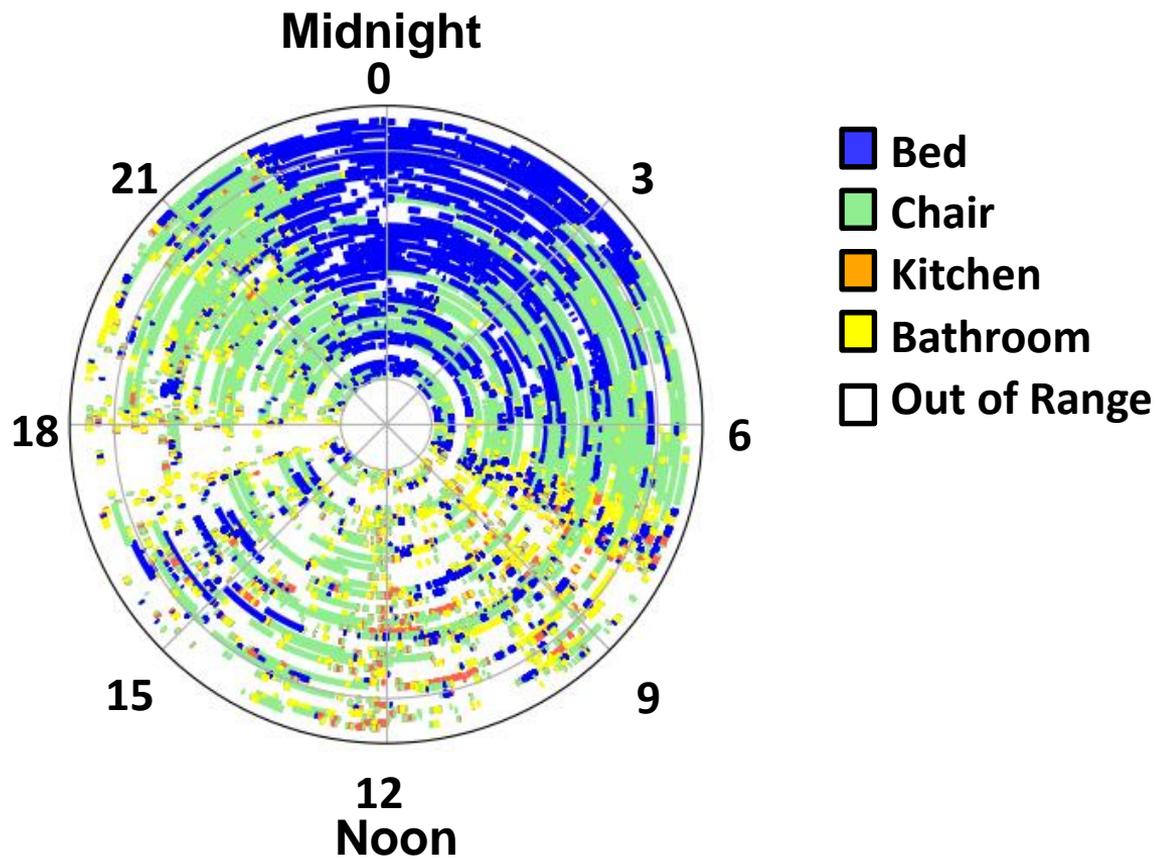
Alzheimer's Disease

Trajectories of a Parkinson's Patient



Where the patient spends his day

(each circle is one day)



A 3D rendered scene of a living room. A person is sitting on a patterned rug on the left, and a dog is sitting on the floor in the foreground. A large, glowing green circle is centered over the person and dog, representing a sensor's field of view. The room contains a television on a stand, a coffee table, and a sofa. The walls are light-colored with wooden trim.

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