

Wireless Monitoring of Neonates to Promote Neurological Wellness



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RESEARCH PROJECT

Identify neurological conditions during the first few hours after birth.



WHY WIRELESS?
FLEXIBILITY!

Skin to skin bonding
Monitor anywhere

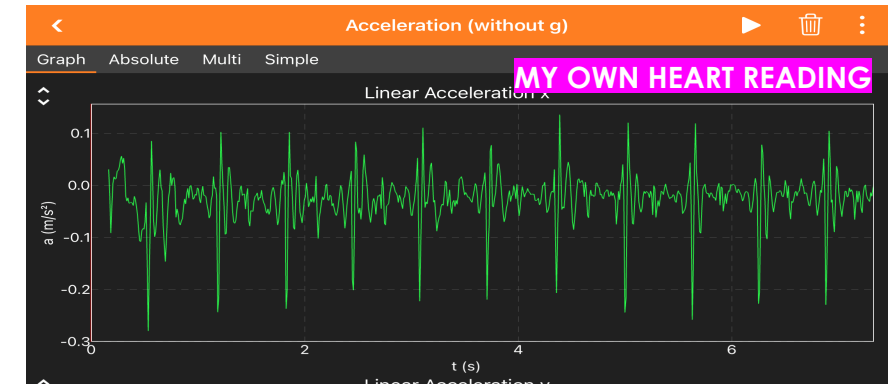
OBJECTIVE

- Write a program to capture and store wirelessly transmitted data from sensors to a computer.
- Learn/use Visual Studio and C#

CLASSROOM APPLICATION

- Students will gain basic understanding of embedded sensors
- I will showcase my SenSip project to students

Students will use Phyphox App & their own smartphones to record their heartbeats



Students will use Tinkercad to create a 3D version of their ECG & 3D Print it in the Makerspace

