

Integrated maternal neonatal ABD (Apnea Bradycardia-Desaturation) Detector

(Details of innovation from our partner institution)

Product Description:

A device for alerting Apnea-Bradycardia-Desaturation episodes of neonatal. More particularly the present invention relates to an Integrated Maternal Neonatal ABD (Apnea-Bradycardia-Desaturation) Detector for detecting and identifying ABD episodes in newborns to prevent sudden deaths.

Intended Application:

Detecting and identifying ABD episodes in newborns to prevent sudden deaths

Novelty of the product:

- Mother is being intimated with the ABD episodes promptly so that she can interrupt such episodes to prevent sudden death.
- Real-time monitor for neonatal ABD episodes
- Paired device interconnected with specific technology

Technology Readiness Level:

Prototype developed. Validations pending

IP Status:

Indian patent application filed (IN201941053883)

TIPS@ SCTIMST TIMed is seeking industrial partners for technology transfer and commercialization. Those interested may get in touch for further details.

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