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(57) Abstract :

The present disclosure pertains to a device (100) to facilitate monitoring and detecting blood loss including a first set of sensors (102) configured to sense blood flow within one or more tissues of an entity, a second set of sensors (104) configured to sense heart rate of the entity, a third set of sensors (106) configured to sense mood of the entity, and a controller (108). The device (100) facilitate detecting blood loss and heart rate of the entity with help of the controller and information collected through the first set of sensors (102) and the second set of sensors (104). The device (100) is wearable and helps in determining one or more emotions associated with the entity with help of the third set of sensors (106) and the controller (108), where the controller (108) facilitate alerting the entity when volume of blood loss is found within a pre-determined blood volume limit and pre-determined heart rate limit.

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