

**An observational study of temperature and thermal images of surgical wounds for detecting delayed wound healing within four days after surgery**

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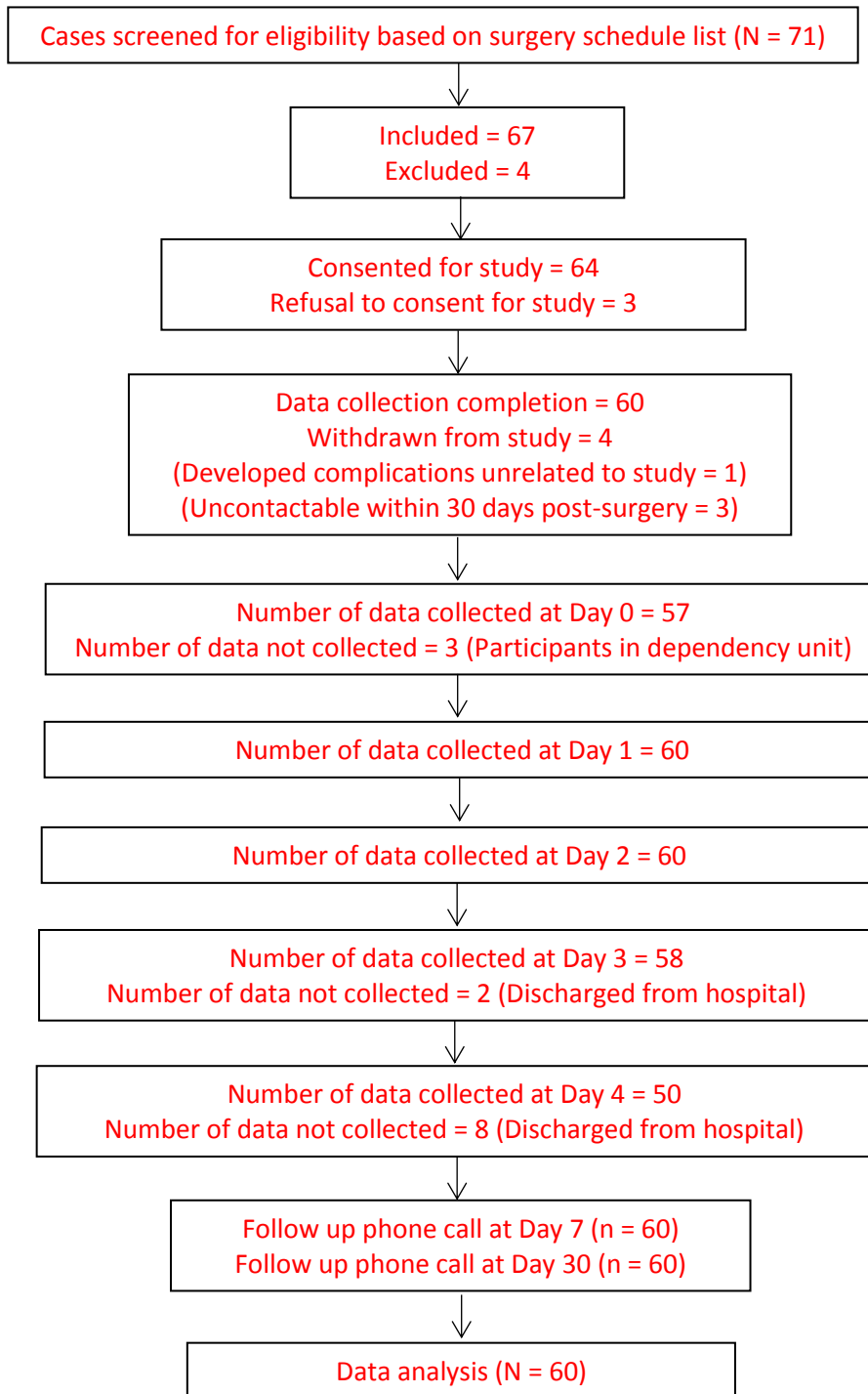
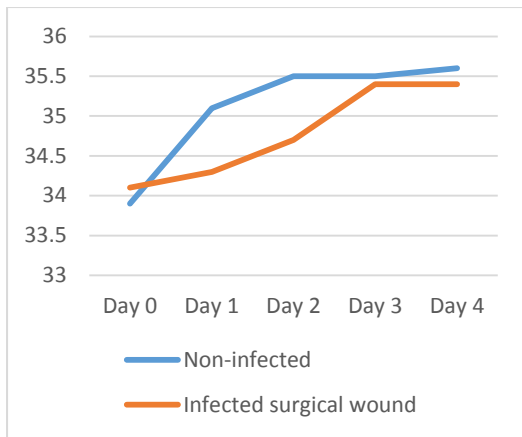
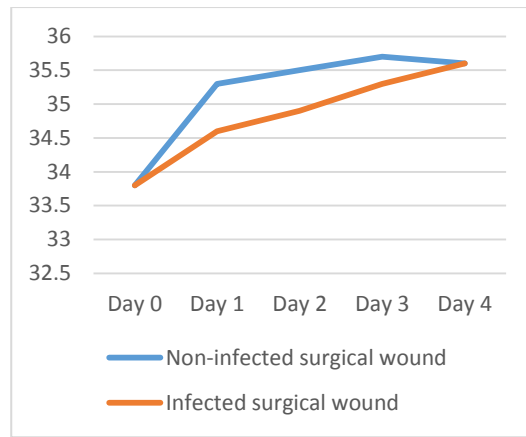


Figure 1. Flow chart of recruitment and data collection



(a) Mean temperature of the infected and non-infected surgical wound from Days 0 to 4



(b) Median temperature of the infected and non-infected surgical wound from Days 0 to 4

Figure 2. Graph for the mean and median temperature of the infected and non-infected surgical wounds taken from Days 0 to 4.

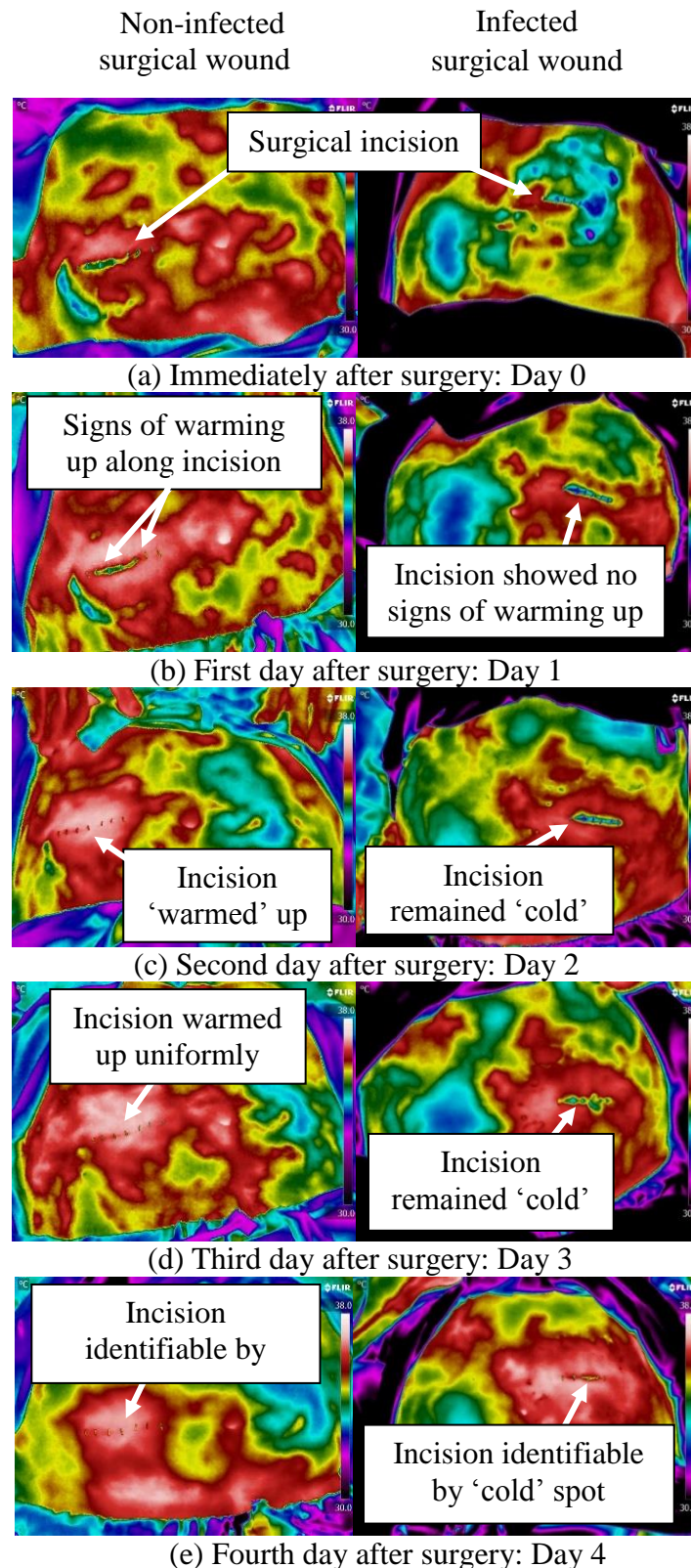


Figure 3. An illustration of the infrared thermal images of abdominal skin surfaces belonging to one participant of normal weight with a non-infected abdominal surgical wound (Participant 36) and another with an infected one (Participant 8) on Day 2 taken (a) immediately after surgery and on the (b) first, (c) second, (d) third and (e) fourth days after surgery. The scale on the right of each thermograph shows the range of temperature.