

Standard operating Practice for applying data logger to child

- Put sealed data logger pouch into an appropriate sized vest for the child after discussing with parent whether front or back pocket is best for current activity.
- Help parent to put vest on child and when in place attach the probe into the crease of the axilla, silver side to child's skin. Secure with **DuoDERM® Extra Thin** & a strip of **Microfoam** tape. *(An insulating tape was chosen to reduce the cooling effect of air contact, therefore optimising the response of the thermometer probe. See attached notes from MF 06/04/2004 – Data logger review)*
- Tuck any excess cable into the pouch and use zinc tape or micropore tape to secure cable to vest (Foam tape doesn't stick)
- Explain to parent what you are doing whilst attaching the probe so that they know how to re-attach if it should be taken off (for a bath, or by child!) or it becomes dislodged during play/sleep. Check the time probe attached using palm pilot clock (or mobile phone synchronised to PC at time of data logger activation) and record on data collection form.
- Explain to parents where to record on the diary card the times when probe off and re-applied. Stress the importance of recording the times as accurately as possible and also the importance to the study of keeping the data logger on for the 24hour period if possible.
- Leave a small supply of **Microfoam** tape & half of a **DuoDERM®** with the parents so that they can reapply the probe if it comes off. Do not leave a whole roll of Microfoam. (Too expensive and infection control means the tape would need to be disposed of after each participant.

Revised 26th June 2007 (JF) to include justification of tape used