



SMILING meeting

Bologna – May 15-16, 2008

University of Bologna - Faculty of Engineering
Viale Risorgimento 2, "Sala del Consiglio" (II floor of the main building)

Focus

Design and implementation of SMILING system (R&D, PRO, HC)
Finalize Deliverable D2.2 (Validation procedures)

Goals

- 1- Highlights on each building block of the system: hardware and software
- 2- Address all open issues and 'who does what'
- 3- Define and assign action points for any unresolved issues
- 4- Define the validation protocol: inclusion/exclusion criteria, measurements, device acceptance and safety questionnaires

Time

May 15th 14:00 - 18:00; May 16th 9:00 - 15:30

Agenda

Thursday, May 15th

PLENARY SESSION

- 14:00*** Opening of the meeting (INRCA-UNIBO)
14:10* **SMILING** status and progress (ABACUS-INRCA-SOM)

SESSION 1 (PARALLEL) – TECHNICAL MEETING

- 14:30** Summary of **Glasgow meeting**: open issues and action point (STRATH)
14:50 **Motorized shoe**: Shoe motors and actuation (STRATH, TUKE)
Format: Presentation and/or demo
Discussion
15:30 **Instrumented In-Sole Unit**
Shoe sensors (EPFL) Presentation and/or demo
In-sole (UNIBO) Presentation and/or demo
Discussion
16:15 Coffee break

SESSION 2 (PARALLEL) – CLINICIANS MEETING

- 14:30** Inclusion/Exclusion criteria (CHUV)
14:50 Measurements (SOM)
15:20 Safety Questionnaires and device acceptance (INRCA)

15:40 Discussion
16:15 Coffee break

PLENARY SESSION

16:30* Discussion among technical and clinical partner about important issues (in particular on **shoe** and **control unit**)

17:30* Input from technical partners on IRB

18:00 **End of day1**

20:00 **Dinner**

Friday, May 16th

9:00 **Generic RF Unit**
Zigbee vs IMEC proprietary solution (IMEC)
Contribution from other partners on RF unit past experience (UNIBO, EPFL)
Format: Presentation and/or demo
Discussion

9:45 **Control Unit (CU):**
The range of possible CU: from PDA to ad-hoc solution (UNIBO)
Discussion

10:25 **Off line Control Unit:**
Tasks to be accomplished on the PC

10:45 Coffee break

11:00 Updates on WP2: algorithms and open issues (IMEC)

11:25* Integration issues and overview of the system to identify critical issues left unsolved
Discussion and action point definition

12:30 **Lunch**

13:30 Sketch of the cooperative action plan for Smiling PRO, including timing and internal milestones (IMEC).

15:30 **End of day 2**

* Joint session with clinicians

Local hosting Prof. Lorenzo Chiari and Elisabetta Farella (UNIBO)