Minutes after Midterm presentation

April 29, CQII meeting room
Present (a.2.o.): Deb Pesanka, Sue Martin, Shelley Evenson, Joe Samosky, Kees Overbeeke

Batteries still need to be replaced: there's a cost for that

Why not just always use a full tank? What would that cost?

Good to look at the 'human language' of the gauge instead of the 'technical language' of tank pressure, which doesn't really mean anything to anyone outside of its context.

Good to present the information 'on the tank' instead of on a separate piece of paper or other medium, which is apparently often discarded.

Look at ways to make the system suitable without the tracking part, which may still be unaffordable for smaller hospitals

Time may be a good metric, but you've got to realize that there's a huge range of possibilities for delay: always make sure that the calculation is realistic and has a large enough 'safety buffer'

Work from a vision and use designed product as a demonstrator of part of that vision: tracking system IS the future of hospital tracking

Make sure to stress the importance of staff involvement: if they see it as a new 'big brother' technology, they will not use it (example of RFID technology that was implemented at hospital but not used by clinicians, because they did not trust it.

Look at scuba diving: there may be very similar systems implemented there that could serve as a quick platform.

There is literature about similar solution available: Deb will send this to me shortly.

Optical encoder would be more suitable than potentiometer, since potmeters tend to catch dirt relatively fast (think of the volume controls on old stereos) and the gauge dial doesn't have a lot of torque, so it will probabely not be able to move the potmeter by itself.

There are already talks going on about implementing tracking technology at Presby.

What has been decided:

Continue working on a translation of 'technical' language of gauge to more 'human' language (time might be a good variable, but may provide false comfort).

Present the information, in that human language, in a for that particular context suitable way (i.e. a 'talking tank' when vocal language would be an ideal solution, a text message or color indication when those visual ways are more intuitive).

Work out a demonstrator of this to test at WISER.

Improve model based on test findings and present on Thursday June 26th at 10:30 (16:30 Dutch time, **tentative**!) at CQII meeting.

Review presentation with Deb beforehand.