

Ageing and memory disorders, independent living

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(Triggered Drug Delivery), Orion

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Arterial Elasticity, optical/mechanical measurements

Klas Hjort, Prof. MST, Uppsala University
Mobile devices helping elder to change their behavior and loneliness

Panu Pekko, Senior Scientist
Looking for new ways to utilize MEMS technologies in healthcare

Pekka Pursula, VTT
Looking for applications/user needs

Henna Jalovaara, Culminatum Innovation

Sickness

Cancer <= Non-invasive use of
Ultrasound to trigger targeted drug
to release medication in tumor

Next step: collaboration Orion
+ Philips

Chronic pain <= Mems actuators
to deliver pain medication

Next step: Orion + Start up

Diagnosis of vascular disease <=
Measurement of vascular elasticity

Next Step: Research + Start up?

Health

Mobile devices to monitor life style

Mobile devices for safety

Monitor devices for the quality of
sleep

Nutrition level and quality

Continuous health record

Drug reminders

Large screen televisions with video
Conference features to reduce
loneliness and for activation

Next steps: Service integrators, start
ups, research organizations => large
strategic initiative to create holistic
service concept