



Norwegian Centre for
Integrated Care and Telemedicine



Teledialysis: From project to an intergral part of the renal service

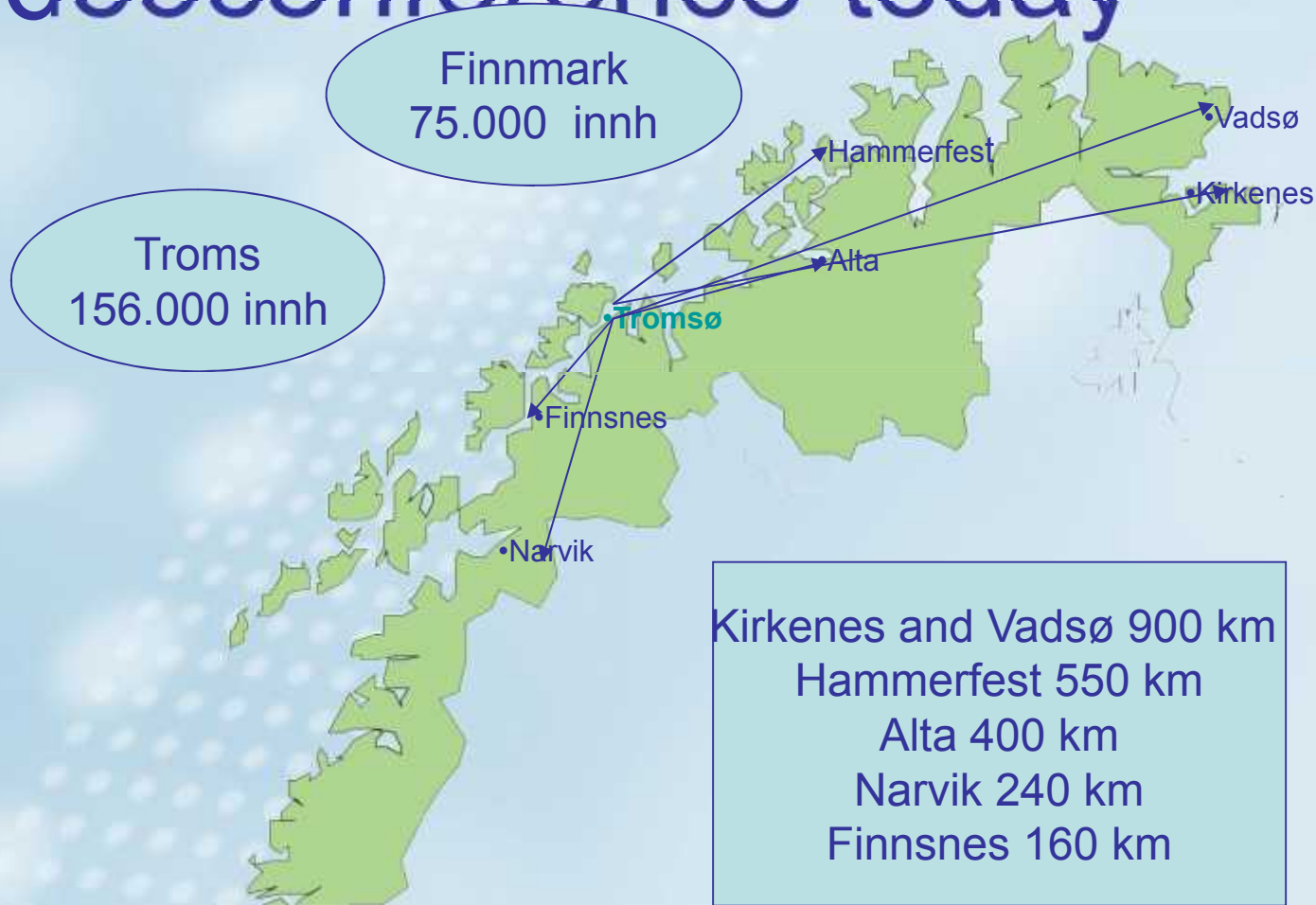
Eli Arild

Teledialysis today

- Practical and medical issues
- Problem solving
- Rounds (doctors/nurses)
- Other specialists if needed
- Distance education



UNN: all satellites have videoconference today



R.Johansen, Dialysen,
Tromsø



The teledialysis project

- 2000-2002
- UNN: The renal department and NST
 - ✓ Alta helsesenter
 - ✓ Hammerfest sykehus



Funding



”The possibility to see each other, is much better than a phone call. We get a feeling of closeness, togetherness and presence via the screen. It’s also meaningful for us to support the staff outside the hospital and collaborate with them.”



Risks

- Busy days
- Changing of routines when necessary
- Technology
- User instructions and superuser
- Technical contact person
- Motivation
- Funding



Technology used

- IP based Videoconference
- Ultrasound
- Electronic stethoscope
- Electronic patient record
- Dialysis machine program for transfer of dialysis data

Today:
Videoconference



Legal and regulatory issues.....





General recommendations

- Plans and routines
- Keep it simple as possible
- Legal and security issues
- Technical support
- Training
- Follow up



Home dialysis



never
never
never
give
up

(winston churchill)



- **Telemedicine in haemodialysis: a University Department and two remote satellites linked together as one common workplace». J of Telemed and Telecare 2005; 11: 251-255**
- **Teledialysis – experiences from North Norway (NST rapport, august 2007)**
- **Choosing to live with home dialysis - patients' experiences and potential for telemedicine support: A qualitative study. BMC Nephrology 2012, 13:13**
- **Norway teaches NHS Highlands how it's done in the snow http://www.kidney.org.uk/k_life/kl_winter10.pdf**
- **Kartlegge behov for nye telemedisinske løsninger hjem til nyresviktpasienter (InnoMed rapport, januar 2009)**
- **Nye telemedisinske tjenester til hjemmedialysepasienter – NyTTeHjem (NST rapport, mars 2012)**
- **You Tube: www.youtube.com/watch?v=hmfJCqwzzcQ**

