

Telemedicine in ambulance service



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- Ambulance service is regulated by public health act, ie law
- National regulation about standards in ambulance service from 1/6, 2009
- County council decides on local goals
for example, how large percentage of a population should be reached by ambulance within a certain time

Ambulance organisation in Uppsala county

- 325 000 inhabitants
- 13 ambulances 24/7
- 4 ambulances daytime, mon – fri
- A lot of population living in the countryside
- People living on islands in the archipelago
- First tests with telemedicin in 1989 and in use ever since

Emergency ambulance

Chevrolet

- 1 paramedic and 1 nurse
- Priority 1 & 2
- 1 patient
- GPS
- Tetra, mobile phone, stationary radio, portable radio, navigator
- Mobimed 300 with EPR 3.0
- Possibility to send ECG to CCU
- Stationary och portable equipment





Equipment Emergency Ambulance

- C-PAP
- Hare-Traction
- Intubation
- BIG
- Spineboard
- Vacuummattress, vacuumsplints
- KED
- Rigid collars
- Deffibrillator
- Eq. For children
- Eq. For childbirth
- Lucas

Pharmaceuticals Emergency ambulance

Adrenalin

Celokurinklorid

Furix

Glucagon

Lanexat

Medimix

Primperan

Syrgas

Suscard

Trombyl

Natriumtiosulfat

Ringer-dextran

Atropin

Esucos

Glukos

Heparin

Metalys

Narcanti

Promiten

Seloken

Stesolid Novum

Teofyllamin

Plasmodex

Betapred

Emla

Glytrin

Ketalar

Morfin

Plavix

Panodil Zapp

Solukortef

Stesolid (klysma)

Ventolin

Ringer-Acetat

Patient categories

- Medical patient:
ex central chest pain, stroke. Pat often > 60 years
- Surgical patient:
ex abdominal pain, trauma
all ages
- Orthopedic patient:
ex Fractures, dislocations. >60 years
- DVF
all ages

Everything from childbirth to deaths....





How we use telemedicine

- EPR
- Monitoring
- Contact with specialists at the hospital
- Decision support, workflow
- Follow up
- Studies
- Data export to ERP at the hospital

Future.....

- Simulator ambulance
- CT
- Lab.
- Image transference
- Integration with hospital systems

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Questions