

# Rigshospitalet

## Copenhagen University Hospital

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***RIGSHOSPITALET – Copenhagen University Hospital***  
***Centre of Diagnostic Investigations***  
***Clinical Engineering Department***

# Introduction to Rigshospitalet

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- **Beds:** 1,200
- **Employees:** 6,289 (full time)
- **Budget:** 3,6 bill DKK
- **Clinical specialities:** 49



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# E-health services:

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- Radiology
- Cardiology
- Pathology
- Gynaecology



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# E-health Radiology

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- **Acute services to Greenland**
- **Faeroe Islands**
- **West Zeeland County**
- **Frederiksberg County**
- **Bornholm County**

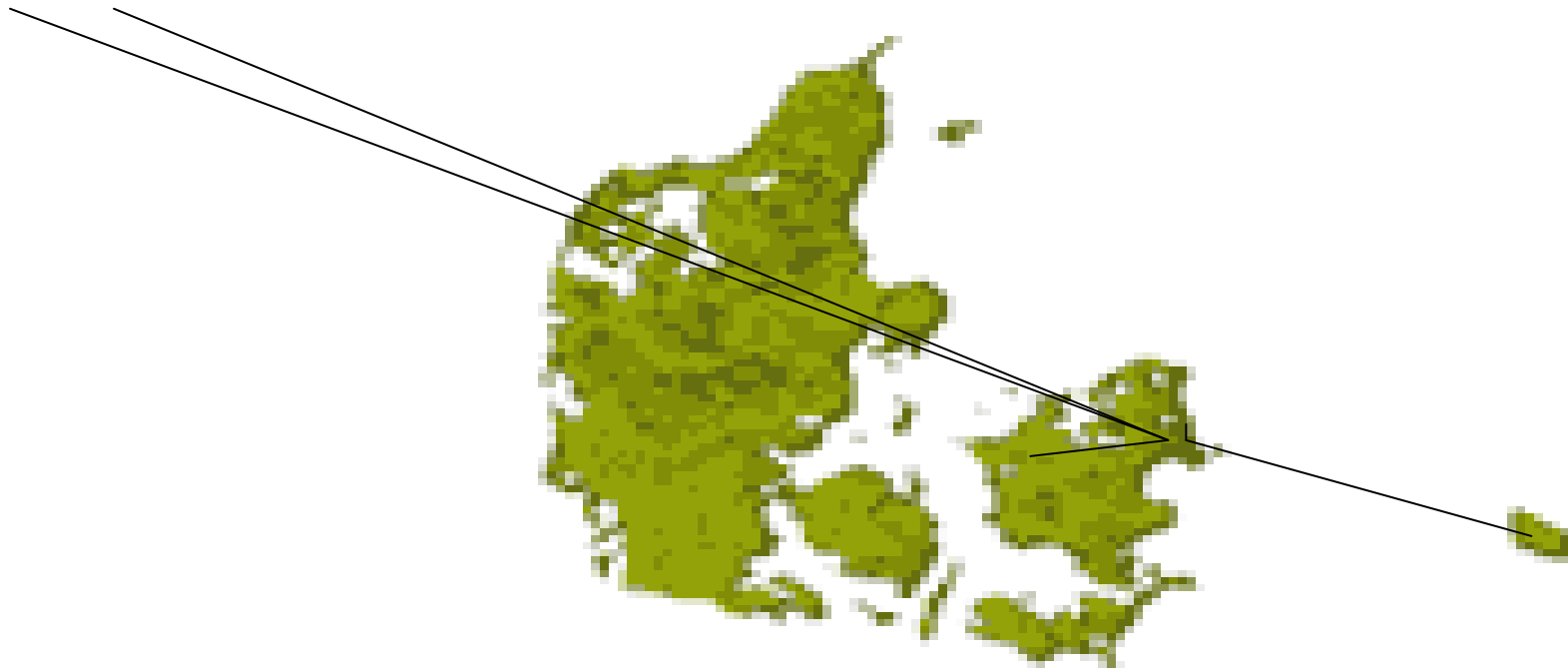


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# E-health Radiology - map

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# E-health Cardiology

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- **Echo cardiograph constellations to**
- **Greenland**
- **Bornholm County**
- **Odense University Hospital**

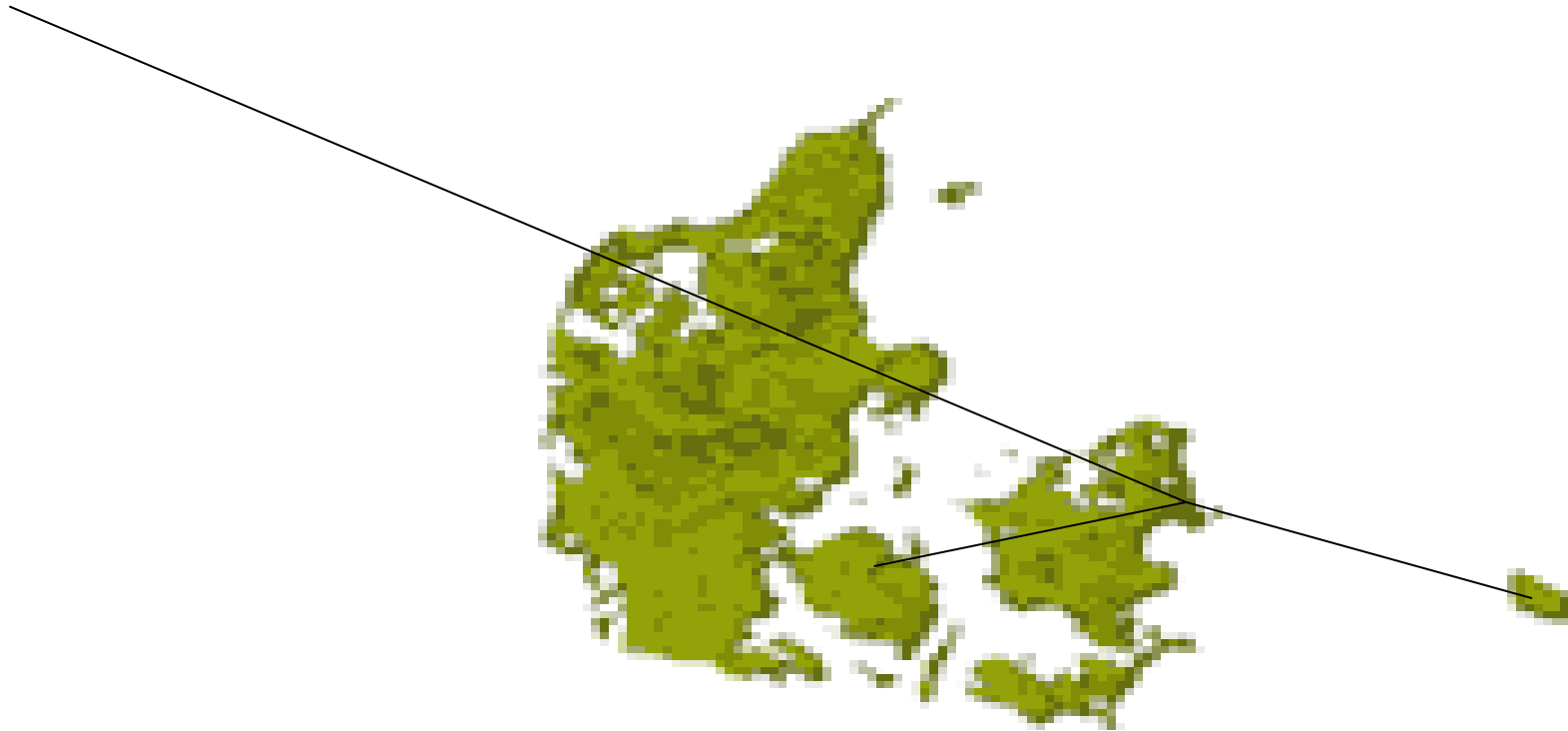


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# E-health Cardiology - map

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# E-health Cardiology

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- **Angiographies constellations to :**
- **Bispebjerg Hospital**
- **Roskilde Hospital**



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# E-health Cardiology - map

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# E-health Cardiology

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- **Ambulances:**
- **12 lead ECG Consultations**
- **Doctors Ambulance in Copenhagen**
- **Falck on Amager, Copenhagen**



# E-health Ambulances



Doctors Ambulance

GSM



Heart Centre



Trauma Centre



Consultant in charge



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# E-health Pathology

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- **Complete pathology service to Faeroe Islands.**
- **Remote controlled microscope**



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# E-health Gynaecology

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- **Acute service to:  
Greenland and  
Frederiksberg Hospital**



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# E-health Technology

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- **Video-conference ISDNX3 284 Kbit**
- **VPN Internet ISND 64 Kb and ADSL 2 Mbit**
- **VPN Streamed Video (new)**



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# VPN Internet

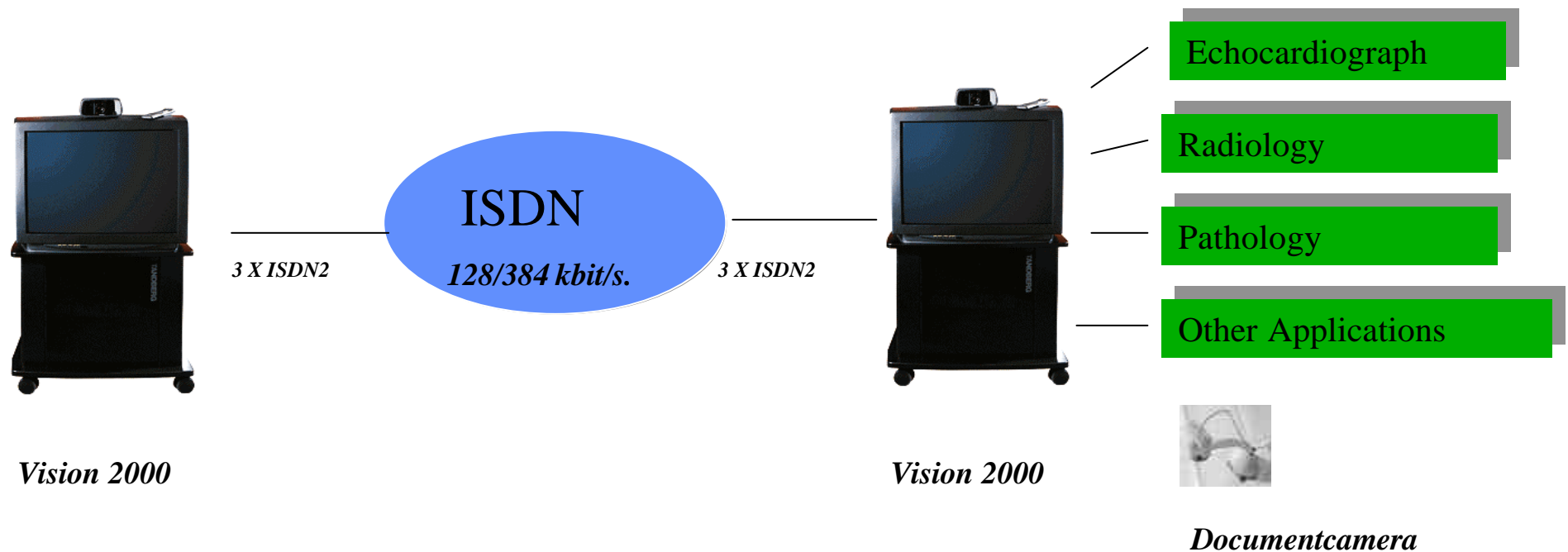
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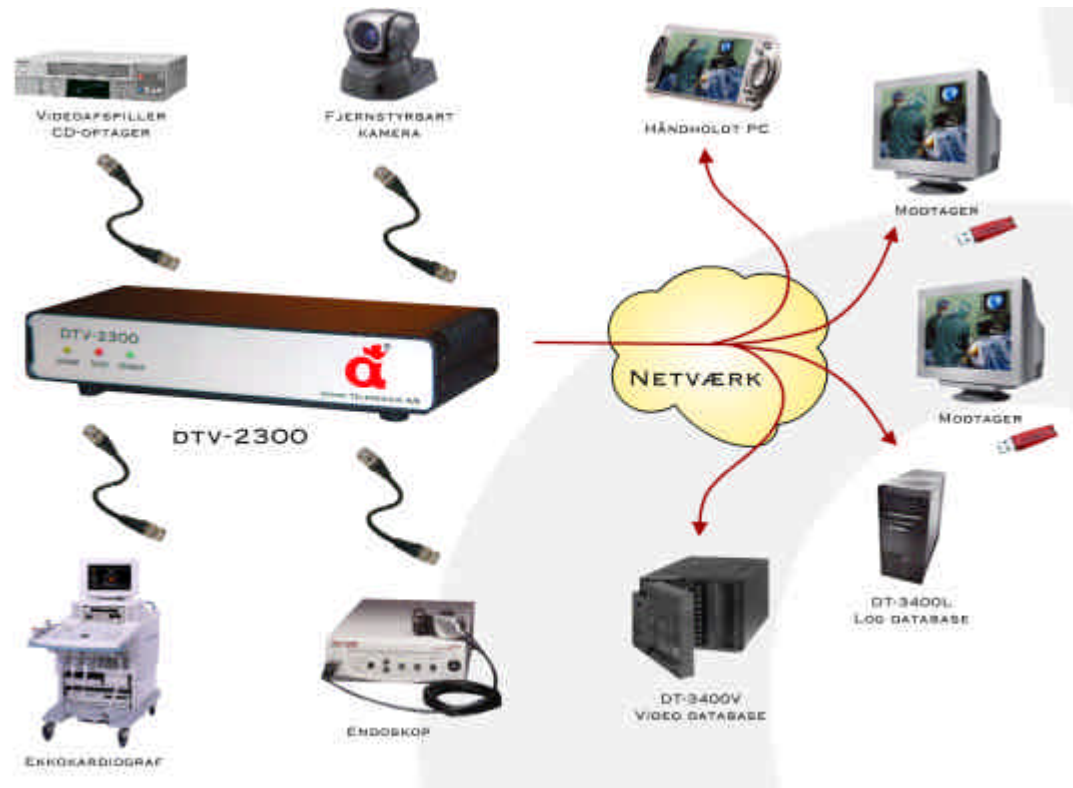
# Videokonferens



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# Stream video



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# Conclusion

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- **Important to choose standard equipment**
- **Important to re-engineer your procedures**
- **Guidelines for implementation, technique and workflow**

