

InfCare for TB, hepatitis and HIV

- Clinical quality assurrance

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InfCare: Background

- Health Solutions
- Real Q platform
- InfCare Hiv
 - National database in Sweden
 - Two regions in Denmark
- InfCare Hepatitis
 - National database in Sweden
 - Three regions in Denmark

InfCare TB

- Implemented in Aarhus April 1, 2013
- National database for TB in Denmark to be

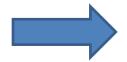


InfCare basics

Data



- Data quality
 - Real time based digital transfer of data
 - Limited manuel data entry



High validity and reduced delay in data availability

Integrated data handling and analysis

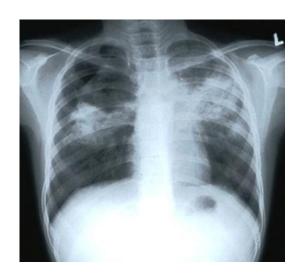
Flexibility/modifyable

InfCare TB

Patient groups

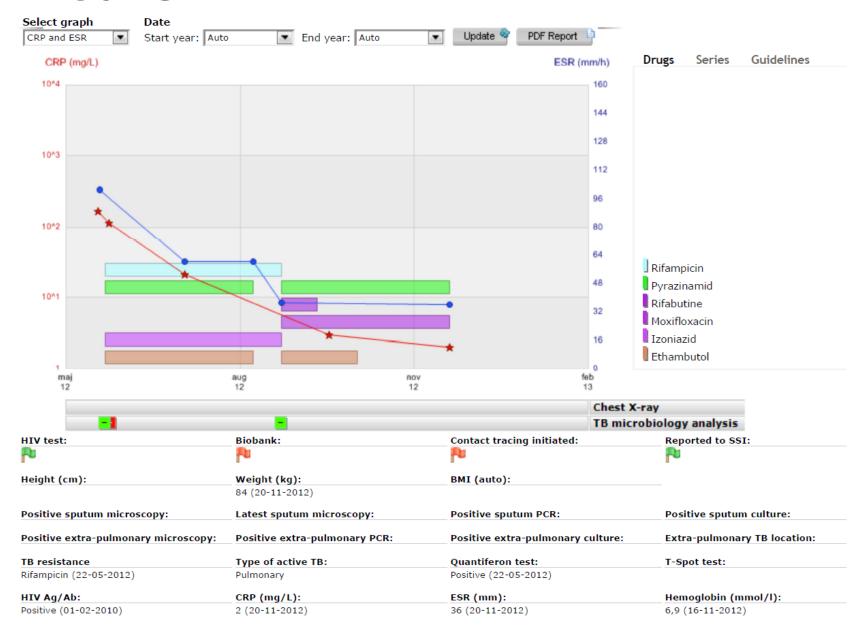
- Active TB
 - Clinical course

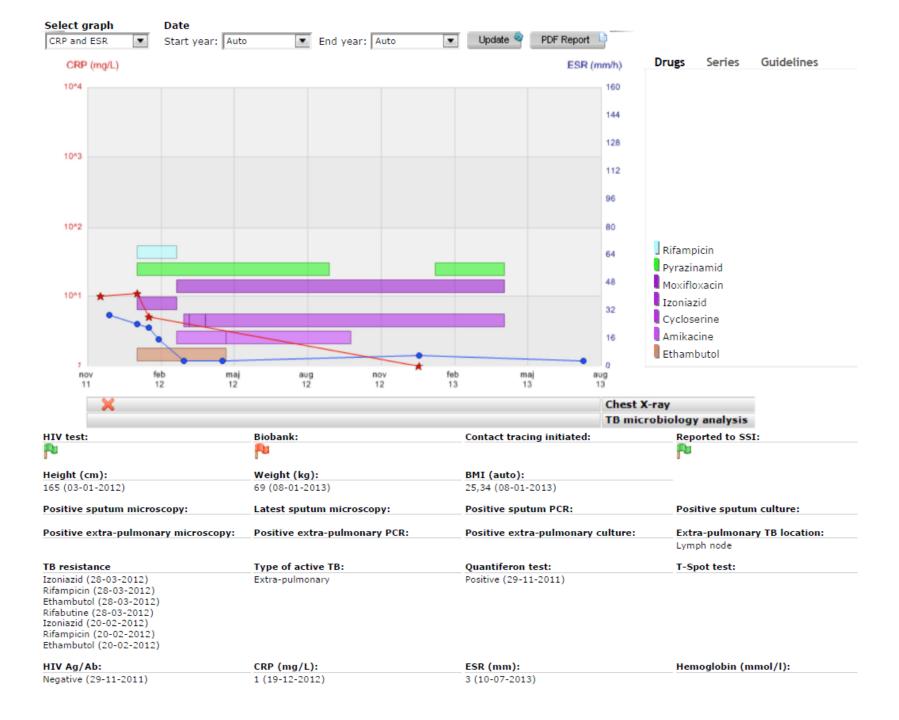
- Latent TB
 - TNF alfa treatment,



- Contact tracing
 - Follow-up of contacts to index patients

InfCare TB





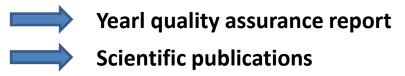
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3 missions

- Clinical decision support
 - Overview of treatment and course of events for the individual patient

- Quality assurance
 - Overall control of analyses, treatment and follow-up

- Reporting/research (search tool)
 - Database with filter/search functionality

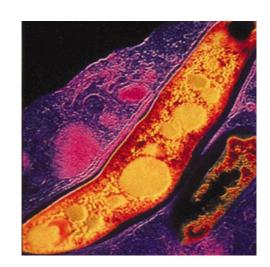




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Data sources

- Biochemistry
 - Labka
- Mikrobiology
 - SSI
 - MiBa



- Medicine prescriptions
 - EPJ
- Base data, follow-up etc
 - Secretariat for daily operation +++



InfCare for HIV already in use

ORIGINAL RESEARCH ARTICLE

COACTION

Int J Circumpolar Health 2012, 71: 18639

Living conditions, quality of life, adherence and treatment outcome in Greenlandic HIV patients

Karin Ladefoged^{1*}, Mikael Andersson², Anders Koch², Thomas Rendal¹ and Millie Rydbacken¹

¹Medical Department, Queen Ingrid's Hospital, Nuuk, Greenland; ²Department of Epidemiology Research, Statens Serum Institute, Copenhagen, Denmark

- Data from the InfCareHIV database used
- Data available on 46 of 60 patients

InfCare also for hepatitis & TB

Clinical study of impact on patient outcomes:

Randomisation of all newly diagnosed and patients on active follow-up to A:
Entrance into InfCare or B: Standard care

Practicalities

- Aprox 75 new cases of TB and 500 (?) hepatitis B and 50 (?) HCV patients to be randomised and half of them entered into the database.
- Sanne Jespersen in Nuuk June-Nov 2012 to oversee the work
- Follow-up 12 months

Outcome

- Timely performed diagnostic procedures (eg sputum smear, yearly ultrasound investigation for cirrhosis patients etc)
- Proportion of good treatment outcome (TB cure/completed, sustained virological suppression in hepatitis)

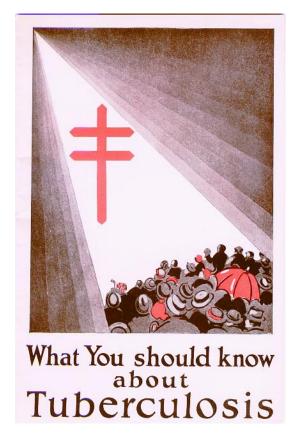
Dept of Infectious Diseases, AUH / Center for Global Health, AU

- Expertise within HIV, TB and hepatitis
 - Clinical management of patients
 - Ongoing research from basic science to epidemiology
 - Senior staff with short-term experience from Greenland



InfCare TB, HIV and hepatitis

A possible area for future collaboration



between Greenland partners and ARC Health AU