

Shared Addiction Care Copenhagen (SACC)

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Disclosures

- Advisory board Merck



Aims of SACC

- To develop and validate a model for decentralized hepatitis C care and treatment in Copenhagen, Denmark
- To increase the uptake of hepatitis C testing and linkage to care in order to reduce the hepatitis C related morbidity and mortality among drug users in Denmark



SACC participants

SACC is a collaboration between

- 12 drug treatment centers in Copenhagen, Denmark (N≈2000)
- Department of Infectious Diseases at Rigshospitalet and Hvidovre Hospital, Copenhagen
- Centre for Health & Infectious Disease Research (CHIP)

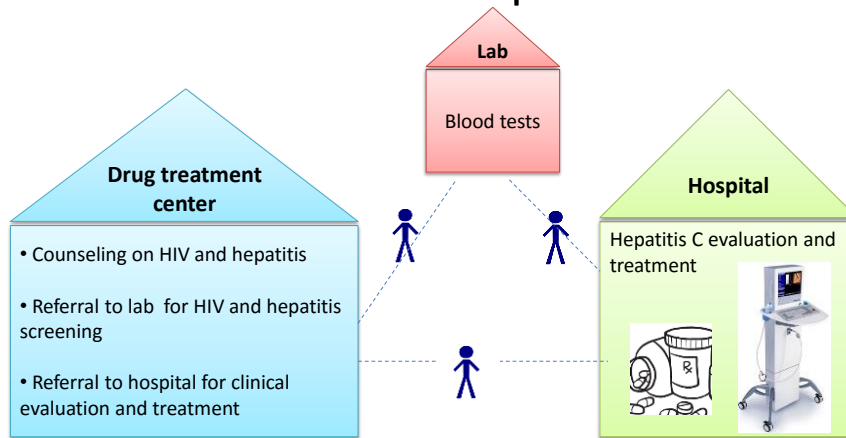
A three-year project (June 2014 – June 2017) funded by the Capital Region in Denmark and Social Services Department, City of Copenhagen

Divided into two phases

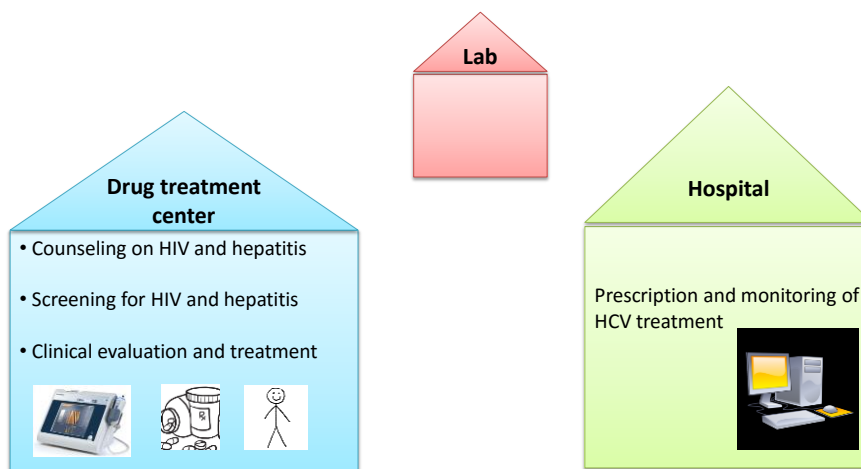
- A pilot phase involving three drug treatment centres
- A validation phase including the nine other drug treatment centres



Current model for testing and treatment of hepatitis C

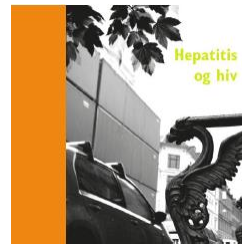


New treatment model for hepatitis C



Information and teaching

Leaflets about hepatitis and HIV



Hepatitis and HIV teaching:

- Health care personnel
- Other staff
- Clients

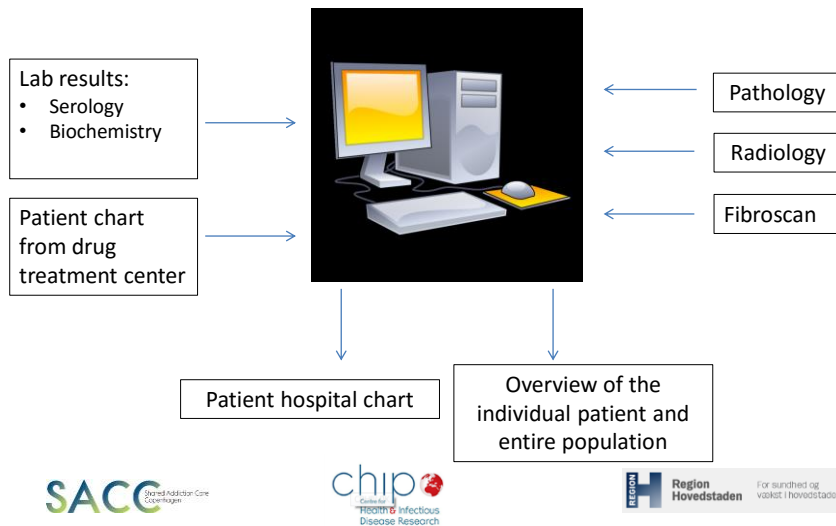


Testning for hepatitis og hiv

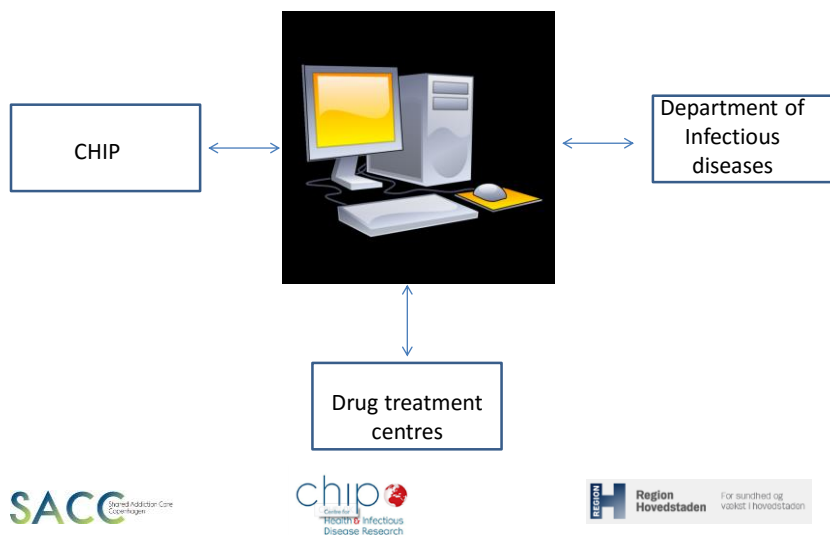
- Testing for hepatitis A, B, C and HIV offered at the drug treatment center
- Dried blood spot testing for anti-HCV has been evaluated as an alternative to venipuncture



The SACC database



The SACC database



The SACC database

SACC Shared Addiction Care Copenhagen
 Navn: Paula Sigrød Høj Doukkali
 CPRNR: 231170TEST
 Startdato: 06-01-2015
 Forløb: SACC Patient
 Log ud

Admin | Reg. | Patienter

Patent standard | Kontaktinformation | Status | Vaccination | Fibroskanning | Årskontrol | EKG | Radiologi

Patotabank | Analyser | Behandlingsvurdering

Status

Rådgivning og vejledning gives årligt i enheden jf. Sundhedsstyrelsens retningslinjer
 Givet pr. flg. dato: 30-12-2015

Historik

Paraklinisk status

HAV: Tidligere smittet/vaccineret (P)
 HBV: Overstået infektion (NPN)
 HCV: Overstået infektion (PN)
 HIV: Ikke smittet (N)

Anmeldelse

Dato: Årsag: Vælg

Hepatitis / HIV Status

Statusbeskrivelse Dato
 HAV: Tidligere smittet/vaccineret
 HBV: Overstået infektion
 HCV: Overstået infektion
 HIV: Ikke smittet

Årskontrol
 Næste årskontrol skal foretages: 18-02-2017

Rådgivning & Vejledning
 Er senest givet: 30-12-2015

Vaccinationsplan
 3. Twinrix givet: 02-08-2015

Fibroskanning
 Næste fibroskanning skal foretages December 2016



Annual hepatitis/HIV plans

- PDF with interpretation of hep/HIV results & plan for further follow up is generated in the database
- Plans are sent to drug treatment centre via email programme in database
- Staff at drug treatment centres will follow up on the recommendations

SACC Shared Addiction Care Copenhagen
 Oprettet d. 06-10-2015 15:53

Navn: Paula Sigrød Høj Doukkali
 CPRNR: 231170TEST
 Forløb: SACC Patient
 Startdato: 08-04-2015

Virus	Analyse	Resultat	Dato
HAV	anti-HAV	Pos	28-05-2015
HBV	anti-HBs	Pos	28-05-2015
HBV	anti-HBc	Neg	28-05-2015
HBV	HbSAg	Neg	28-05-2015
HCV	anti-HCV	Pos	28-05-2015
HCV	HCV-RNA	Pos	28-05-2015
HIV	HIV	Neg	28-05-2015

På baggrund af ovenstående blodprøvesultater konkluderes følgende:

Virus Tolkning
 HAV/ Et positivt resultat for anti-HAV er et udtryk for immunitet mod hepatitis A virus, enten som følge af tidligere infektion eller vaccination. Børn afleveres efter tidligere infektion er immunitet, mens beskyttelsen efter vaccination er mindst 25 år.
 HBV/ Et positivt resultat for anti-HBs kombineret med negative resultater for anti-HBc og HbSAg er udtryk for immunitet mod hepatitis B virus, som følge af vaccination. Beskyttelsen regnes for livslang, og det anbefales derfor ikke yderligere undersøgelser.
 HCV/ Patienten har været positiv for HCV-RNA i mere end 6 måneder. Resultat betyder at infektion med hepatitis C virus er blevet kronisk. Patienten har et aktivt forløb på infektionsmedicinsk specialafdeling.
 HIV/ HIV antistofprøve er ikke påvist. Et negativt resultat betyder at patienten ikke er smittet med HIV. Der anbefales fortsat HIV test om et år.

På baggrund af ovenstående konklusioner anbefales følgende plan:

Vaccination: Der er ikke indikation for vaccination mod hepatitis A eller B
 Fibroskanning: Der er ikke indikation for fibroskanning i SACC
 Næste fibroskanning skal foretages September 2016

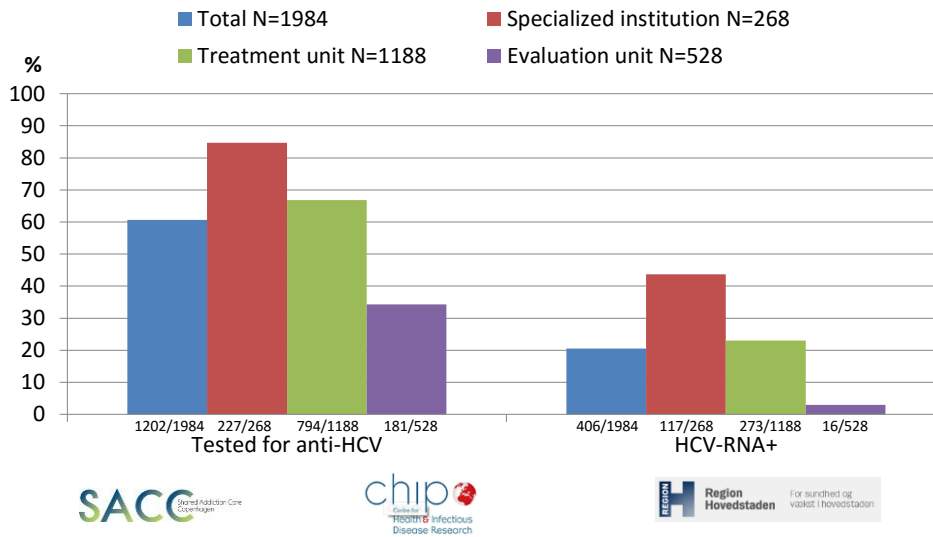
Vid næste årskontrol foretages følgende prøver (Læbe-kontrol):
 - Anti-HIV og HIV-Ag (HIVCOMBO)
 - ALAT
 - ASAT
 - Hæmatologi (VH SACC HBV)
 - Genetestsprøve (RH130)

Bemærkninger:
 Følges på infektionsmedicinsk afdeling Hvidovre Hospital

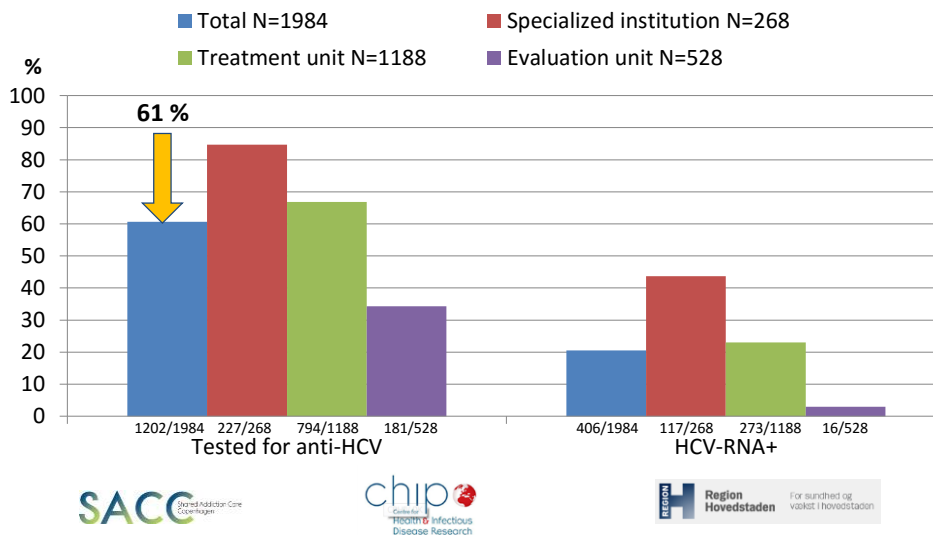
SACC er et samarbejde mellem CHIP og Infektionsmedicinsk Klinik, Rigshospitalet samt Socialstyrelsen, København Kommune senest screening, udvælgning og evt. behandling af hepatitis B og C smittede stoffbrugere.
 Telefon +45 3365 5702
 E-mail: sacc@hospitalet.regionh.dk



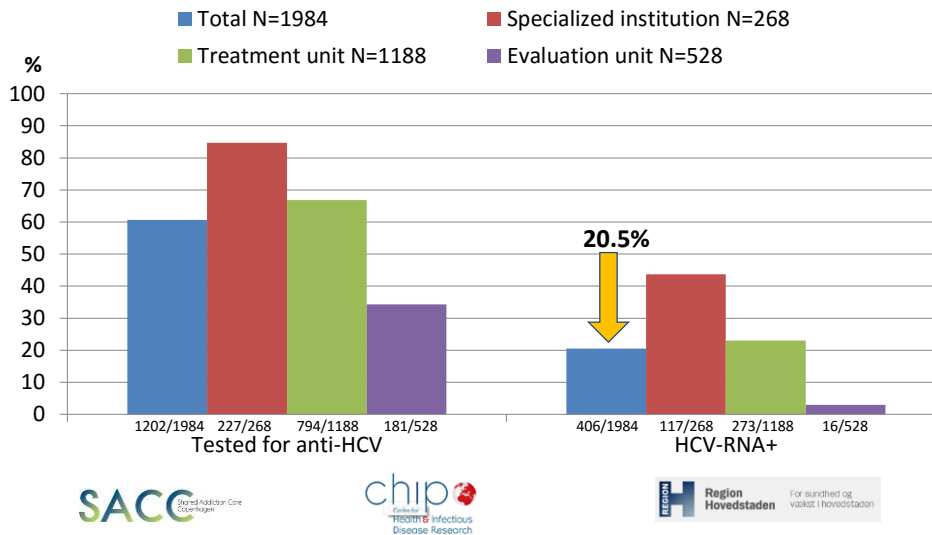
Hepatitis C testing



Hepatitis C testing

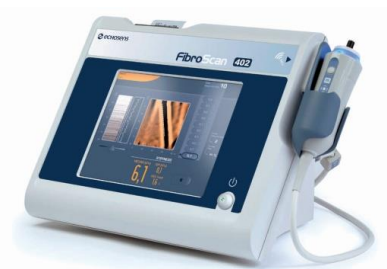


Hepatitis C testing



Fibroscanning

- Takes place at drug treatment centres
- ≈90 (23%) have been scanned
- 20% have ≥ 10 kPa, which is the objective threshold for HCV treatment according to Danish guidelines
- We estimate that 75% of all persons with chronic hepatitis C will undergo fibroscanning



Donated by the Augustinus Foundation

Assessment of treatment adherence

Parametre	Underspørgsmål	
Bolig		<input type="text"/>
Fremmødestabilitet i forhold til	Medicinafhentning	<input type="text"/>
	Andre aftaler	<input type="text"/>
	Variation over måneden	<input type="text"/>
Misbrug	Alkohol	<input type="text"/>
	Andre rusmidler	<input type="text"/>
Psykiatrisk co-morbiditet		<input type="text"/>
Privat netværk		<input type="text"/>
Forståelse for sygdom og behandling		<input type="text"/>
Injektionsadfærd		<input type="text"/>
Vurdering af komplians	Patienten selv	<input type="text"/>
	Socialfagligt personale	<input type="text"/>
	Sundhedsfagligt personale	<input type="text"/>
Konklusion:	Vurderes pt. at være kompliant på nuværende tidspunkt:	<input type="text"/>
	Ved 'nej' inkl. plan for revurdering Ved 'ja' evt. inkl. plan for hvad der skal til for at komplians kan	<input type="text"/>

Begrundelse af konklusion:

HCV treatment

- Prescribed by hepatitis C specialists at hospital
- ≈75% of those with >10 kPa are estimated to be eligible for treatment, i.e. able to adhere to treatment and with low risk of HCV reinfection
- HCV medicine dispensed at drug treatment centre
- Treatment is ongoing. Preliminary results are limited, but so far succesful
- However, based on current treatment criteria, it is estimated that only 10% of all patients with chronic hepatitis C will start treatment

Conclusions

- The current model of HCV assessment and treatment is inadequate to address the needs of injection drug users and other vulnerable groups
- We are developing an new innovative model for decentralized HCV care, where all blood tests, evaluation of liver disease and treatment, will take place at the drug treatment centre
- The database that collects all relevant HCV-related data is providing valuable overview of both the individual clients and of the entire population
- Preliminary results have shown improvements in the uptake of HCV screening and fibroscanning. HCV treatment results are limited, but so far successful



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Perspectives

- Although the SACC model improves access to testing and linkage to care among drug users with hepatitis C, the current approach to hepatitis C treatment in Denmark is unlikely to reduce HCV transmission significantly
- A working group has been formed to explore the possibilities of continuing and expanding the SACC model beyond the three-year project period
- Dissemination of the entire SACC model to other countries requires a high degree of digitalization of health data
- Experiences with breaking down barriers between separate parts of the health care system could potentially be expanded to other medical specialties

/ SIDE
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Acknowledgements

- SACC Steering Committee
 - Jens Lundgren, Helle Petersen, Jan Gerstoft, Nina Weis, Marianne Linnet, Lars Peters, Astrid Bay, Alice Højmosse, Pernille Iversen, Dorthe Raben, Thomas Fuglsang, Christian Hvidt
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- Staff at drug treatment centres in Copenhagen

