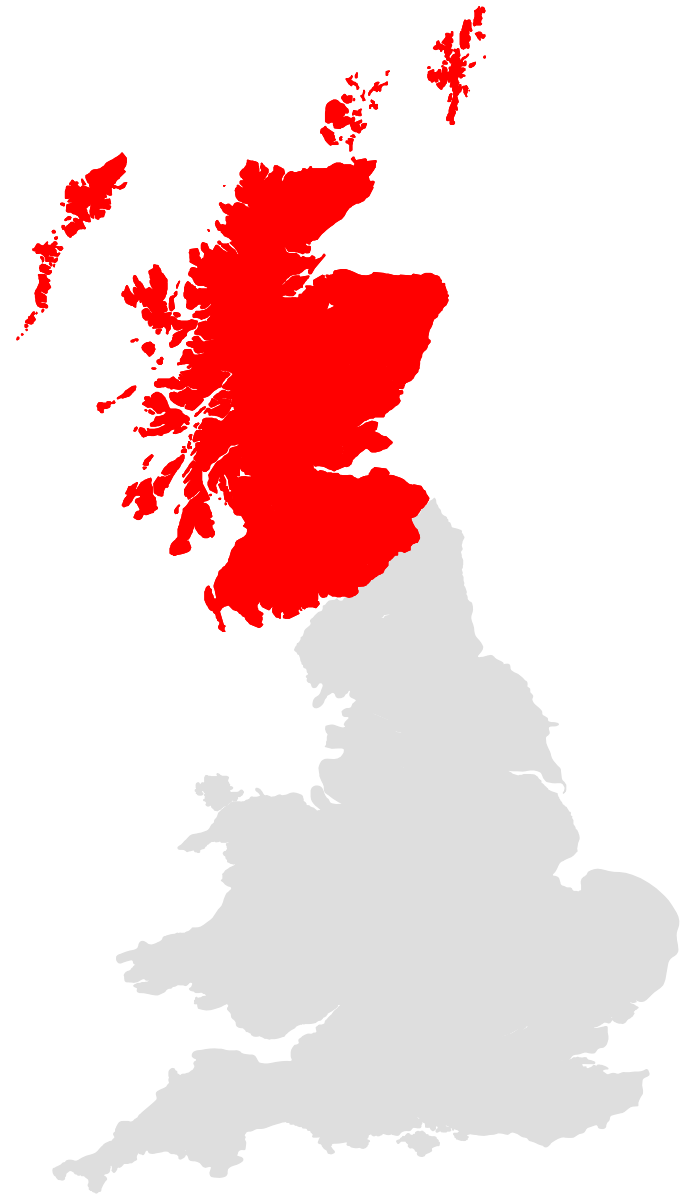


Tackling Hepatitis C in Scotland

Dr Nicola Rowan
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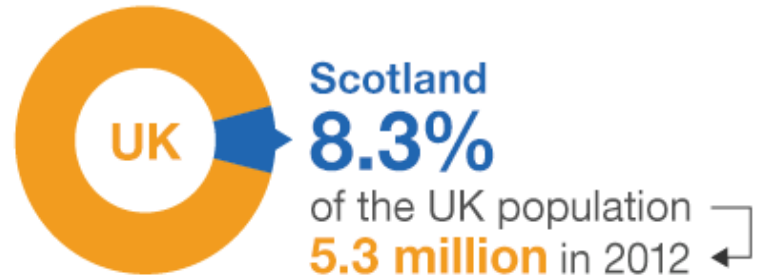


Context

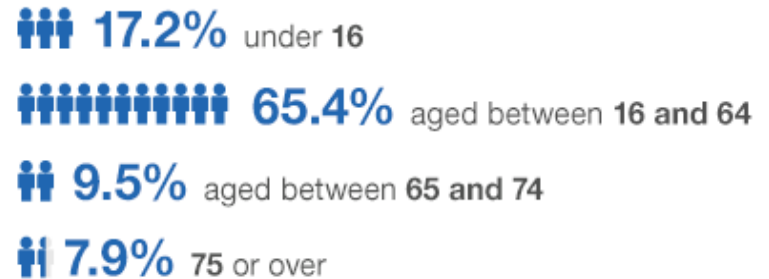
About Scotland



Image: BBC News



Scotland's population by age





People who inject drugs (PWID): **50-80%**



GUM Clinic Attenders: **<1%**

Prevalence of Hepatitis C in different populations in Scotland



Pregnant women: **<1%**



Surgeons/HCWs: **<1%**

Scotland's HCV Timeline: Key Milestones

Drug Injecting Epidemic begins

Acute Hep B and HIV among PWID

Harm reduction developed

1980

1989 Discovery of HCV

1990

1992 INF therapy

Epidemiological data
- HCV Diagnosis Database
- HCV Prevalence Surveys

Patient Advocacy established

2000

1998 INF + RBV therapy

2001 PEGINF + RBV therapy

Epidemiological/clinical data
- HCV Clinical Database
- Projections of HCV Disease

2004 HCV Consensus Conf

Parliam/CMO Working Groups

2010

2006 - 2015 Hepatitis C Action Plan (Phases I, II and III)



The Scottish Government

Advocacy Milestones

- 1999 National Needs Assessment
- 2003 UK Hepatitis C Resource Centre
- 2003 Scottish Hepatitis C Awareness & Parliamentary Event
- 2004 Consensus Conference (RCP, Edin)
- 2004 UK Awareness Day, Parliamentary Events, Parliamentary Questions
- 2004 Parliamentary Working Group on Hepatitis C
- 2004 Parliamentary Debate on Hepatitis C
- 2005 Action Plan Phase I
(1st draft, consultation and further advocacy)

What We Did: Phased Approach

(Evidence first)

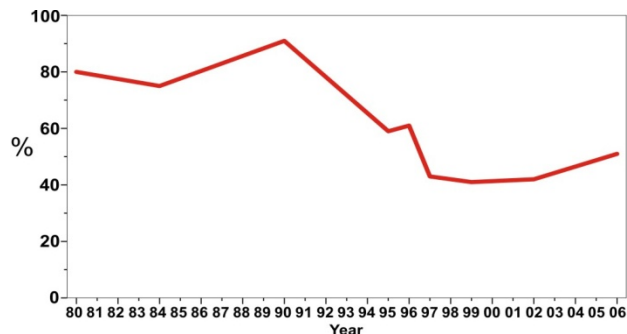
Phase I – Evidence Gathering 2006 - 2008

(Determined and costed future
large scale action)

Scotland's Hepatitis C Action Plan

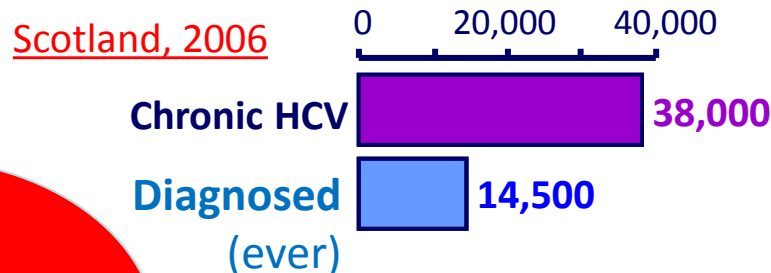
Prevention

High prevalence of HCV remained among young PWID in Glasgow



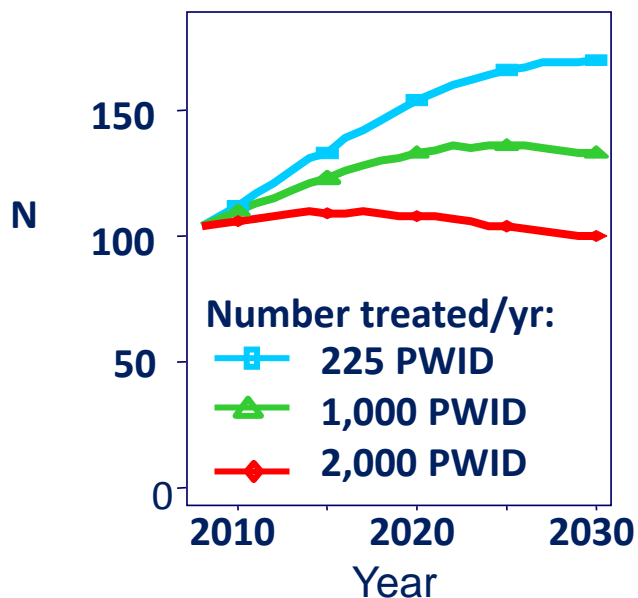
Diagnosis

Majority of HCV infected in Scotland remained undiagnosed



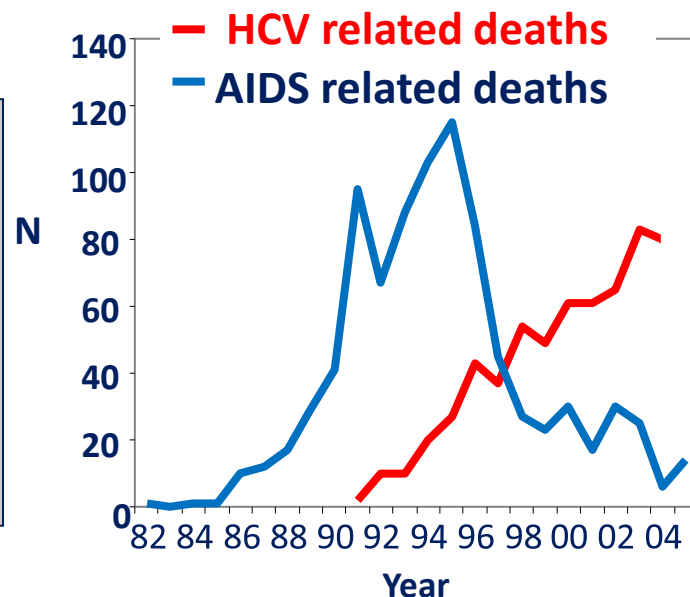
Key Evidence in Phase I

Treatment



Modelling work demonstrated insufficient numbers on HCV treatment to curb rising trend in liver failure/deaths in Scotland

Disease



**Phase II – Service
Improvement and Investment
2008 - 2011**

Scotland's Hepatitis C Action Plan

Aims

- To prevent the spread of Hepatitis C, particularly among people who inject drugs
- To diagnose Hepatitis C infected persons, particularly those who would most benefit from treatment
- To ensure that those infected receive optimal treatment, care and support

Phase II: Service Improvement Actions (2008-2011)

- **Prevention:**
 - Improvements in Injection Equipment provision
 - National guidelines for injecting equipment provision
 - Education (Peer to Peer, schools)
- **Diagnosis:**
 - Awareness raising initiatives
 - Finger prick sampling in non-clinical settings
- **Treatment:**
 - Increase in clinical capacity
 - Funding for treatment & national procurement of antivirals

Prevention

What has been the impact?

Evidence showing a reduction in new HCV infections in Scotland, in the context of a scale-up in interventions

National Scale-Up (2008 to 2012)



Injecting Equipment Provision

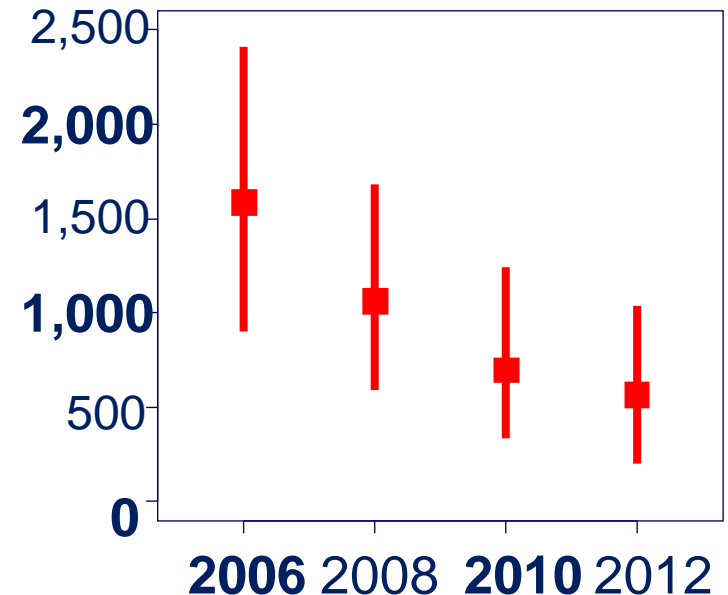
(N/S coverage: 53% to 74%;
Other Equipment: 5% to 40%)



Methadone

(50% to 64%)

Estimated number of new HCV infections per year among PWID in Scotland



Phase II: Outcome

- ↑ **Number of people treated**
- ↑ **Number of people diagnosed**
- ↑ **Prevention activity**
- ↑ **Diagnoses**

- ↓ **Transmissions**
- ↓ **Incidence in people who inject drugs**
- ↓ **Chronic HCV infection**

Lessons

Scotland's Hepatitis C Action Plan

Driving Forces > Lessons



by the Scottish Government

Hepatitis C Policy in Scotland



Hepatitis C Action Plan, Phase I (2006-08)

- Gathering evidence to inform Phase II Actions
- Generating actions for Phase II
- Investment: £4 Million

Hepatitis C Action Plan, Phase II (2008-11)

- Investment to improve services
- High level actions to improve prevention, diagnosis, treatment and care (& monitoring/evaluation)
- Investment: £43 Million

Sexual Health and BBV Framework (2011-15)

- Continued focus on Hepatitis C
- Focus on improving joined-up working with SH & HIV/BBVs.
- Investment £116 Million across SH & BBV

Refreshed Sexual Health & BBV Framework (2015-20?)

- Continued outcomes
- New treatments
- Investment £???

Health Protection Scotland

David Goldberg	Beth Cullen
Allan McLeod	Caroline Kelleher
Norah Palmateer	Nicola Rowan
Lesley Wallace	Sue McBride
Kirsty Roy	Miriam King

Scottish Government

Gareth Brown

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Ellen Carragher	Heather Valerio
Hamish Innes	Amanda Weir
Scott McDonald	Sharon Hutchinson

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Thank-you

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