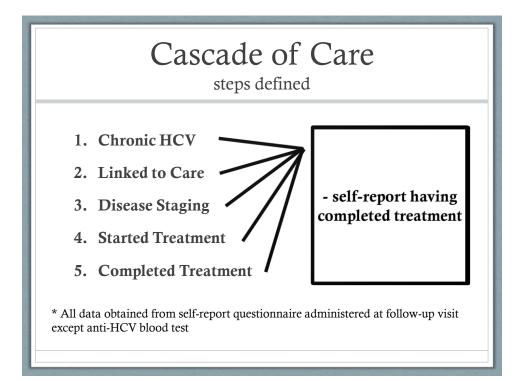


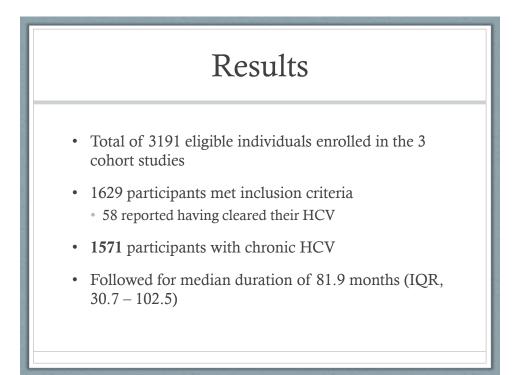


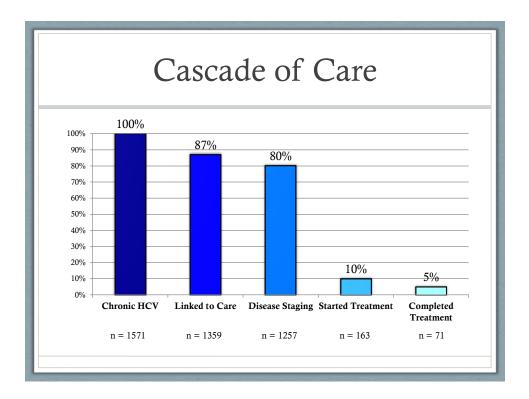
- Completed baseline interview and at least 1 followup between Dec 2005 – May 2015
- Anti-HCV positive at baseline or became anti-HCV positive in followup
- Aware of HCV status
- IVDU
- Did not die during study period



Factors associated with undergoing disease staging

- Multivariable extended Cox regression
- Outcome: time to undergoing disease staging
- Explanatory variables:
 - Sociodemographic characteristics
 - Health status (e.g. HIV)
 - Substance use patterns
 - HCV risk behaviour
 - Engagement in healthcare
 - Social and structural exposures (e.g., incarceration)





Bivariable and Multivariable Cox Regression Analyses of Factors Associated with Undergoing Disease Staging

Characteristic	Unadjusted		Adjusted		
	HR (95% CI)	p-value	HR (95% CI)	p-value	
Age (per 10 years older)	1.14 (1.06 - 1.22)	< 0.001	1.00	0.11	
Gender	1.02 (0.89 - 1.17)	0.82			
White	1.13 (0.99 - 1.30)	0.07	1.07 (0.93 - 1.24)	0.35	
HIV positive	1.96 (1.70 – 2.27)	< 0.001	1.75 (1.50 - 2.05)	< 0.001	
Homeless ^a	0.75 (0.65 – 0.88)	< 0.001	0.88 (0.75 – 1.03)	0.10	
Heavy alcohol use ^a	1.12 (0.91 - 1.37)	0.29			
Daily IV heroin use ^a	0.58 (0.49 - 0.69)	< 0.001	0.72 (0.60 - 0.86)	< 0.001	
Daily IV cocaine use ^a	1.09 (0.86 – 1.38)	0.46			MMT:
Daily IV	0.84 (0.58 - 1.20)	0.34			Methadone
methamphetamine					Maintenance
use ^a					Therapy
Daily crack use ^a	0.84 (0.73 - 0.97)	0.02	0.89 (0.77 - 1.04)	0.15	^a Indicates behaviour durin
Benzodiazepine use ^a	0.99 (0.57 - 1.73)	0.99			the six-month
Syringe lending ^a	0.93 (0.57 - 1.54)	0.79			period prior to
MMT ^a	1.50 (1.31 - 1.72)	< 0.001	1.42 (1.23 - 1.64)	< 0.001	interviews
Hospitalization ^a	1.59 (1.33 – 1.90)	< 0.001	1.50 (1.25 - 1.81)	< 0.001	^b Unprotected se
Employed ^a	0.97 (0.82 – 1.15)	0.74			was defined as
Unprotected sex ^{a,b}	0.88 (0.76 - 1.02)	0.10	1.04 (0.88 - 1.21)	0.15	vaginal or anal
Sex trade work ^a	0.93 (0.76 - 1.14)	0.48			sex without a
Incarceration ^a	0.92 (0.76 - 1.11)	0.38			condom at least
Mental Illness	1.24(1.08 - 1.42)	0.002	1.11 (0.95 - 1.27)	0.15	once.

Reasons for Declining Treatment when Offered

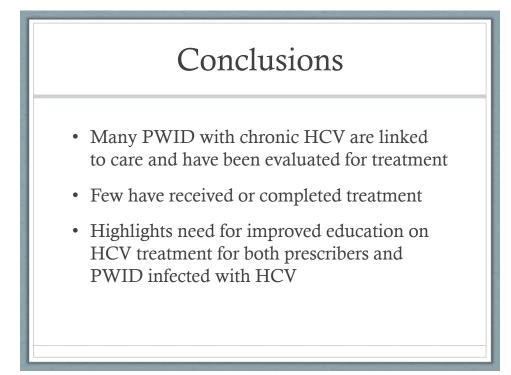
- 989 participants completed newer version of questionnaire given June 2014 end of study period
- 460 (47.5%) reported ever having been offered treatment
- Of those offered, 136 (29.6%) took treatment while 324 (70.4%) declined to take it

Reasons for Declinig Treatment when Offered

Reason	N (%)
Concern over side effects	112 (34.6)
Symptoms are not severe enough to start treatment	74 (22.8)
HCV is not a priority	35 (10.8)
Need more information before deciding	31 (9.6)
Don't think I could comply with or finish treatment	28 (8.6)
Started or continued using drugs	24 (7.4)
Waiting for new drugs to become available	24 (7.4)
Other health issues/interference with other health treatments	23 (7.1)
ust offered/waiting to start	18 (5.6)
Need better housing/no housing	17 (5.3)
Pill burden	13 (4.0)
Want to focus on HIV treatment/do not want to change HIV creatment due to HCV	13 (4.0)
Don't think I can reduce my drinking	10 (3.1)
Cost	4 (1.2)
Other	82 (25.4)

Limitations

- Non-random sample
- Self-reported data, no confirmatory RNA testing
 Likely over-estimated number with chronic HCV
- Data not obtained on degree of liver fibrosis (cascade assumes everyone is eligible for publiclyfunded treatment)
- Predominantly during the pre-DAA era (side effects, duration of treatment...)





	References
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