# Effectiveness of ReLink Initiatives to Re-engage Diagnosed-but-Untreated HCV-Positive Patients with Direct-Acting Antiviral Treatment

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#### Background



This has likely been further exacerbated by the

COVID-19 pandemic,

which may have

reduced HCV treatment urgency,
causing many patients to delay care<sup>2</sup>

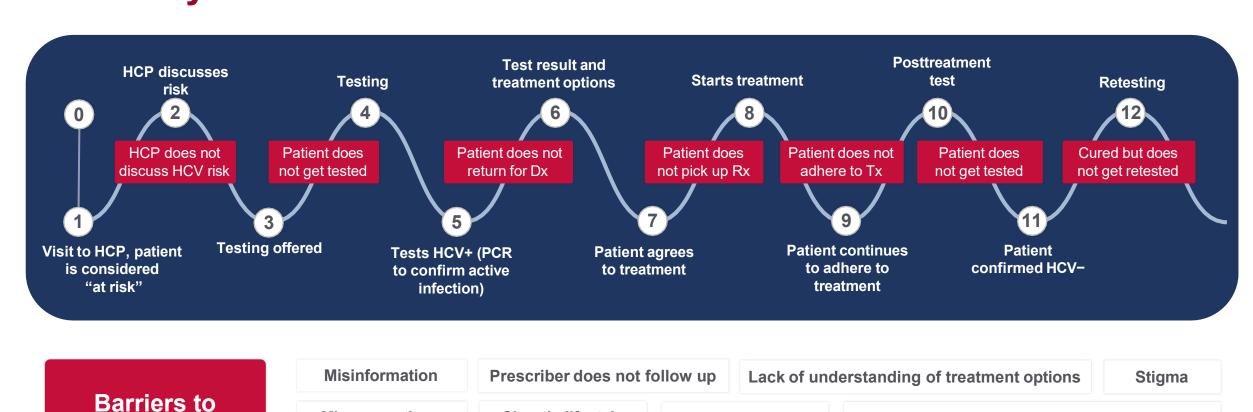
Need to pick up Rx from a specific pharmacy

Lack of education on possible reinfection/need for ongoing testing

HCV, hepatitis C virus; WHO, World Health Organization.

1Westbook RH, et al. J Hepatol. 2014;61:S58–S68. 2Weisberg IS, et al. Expert Opin Pharmacother. 2017;18:535–43 3World Health Organization. Global health strategy on viral hepatitis, 2016–2021. 2016. 4World Health Organization. Guidelines for the care and treatment of persons diagnosed with chronic hepatitis C virus infection. 2018..

### Where Patients May Be Lost in the HCV Care Cascade



**Chaotic lifestyle** 

Dx, diagnosis; HCP, healthcare provider; HCV, hepatitis C virus; PCR, polymerase chain reaction; Rx, prescription; Tx, treatment.

Misconceptions

Lack of understanding of risks/urgency

#### **Objectives**

- To explore the effectiveness of care re-engagement of ReLink programs\*
- To identify best practices for future programs

engagement

\*Investigator-initiated research grants sponsored by Gilead Sciences, Inc.

#### Methods

- 6 ReLink programs were analyzed from different regions
- Parameters evaluated:
  - Number of patients → HCV-RNA+ or anti-HCV+
  - Steps in the care cascade where patients were lost to follow-up
- Reasons patients were unable to be relinked
- Efficacy (successful relink)

## **ReLink Programs**

	Inclusion criteria	Dates searched	Screening method	Contact method
Netherlands Isfordink, et al <sup>1, 2</sup>	HCV-RNA (+) or HCV-antibodies (+)	2018–2020	Medical records from 45 sites were reviewed, then municipal records database was used to identify thos eligible for retrieval	
USA Wyatt, et al <sup>3</sup>	HCV-RNA (+) or HCV-antibodies (+) and alive	January 2003– December 2017	Computer algorithm identified patients; medical records were then manually reviewed	$\bigcirc \longrightarrow \bigcirc$
France Métivier, et al <sup>4</sup>	"no SVR" on December 31, 2018	2003–2017	Medical records were reviewed from centers in 6 cities	or S
Latin America Mendizabal, et al <sup>5</sup>	HCV-RNA (+) or HCV-antibodies (+)	December 2020– October 2021	Medical records were reviewed from 13 Latin American countries	3 or <b>\$</b>
Brazil Bittencourt, et al <sup>6</sup>	HCV-RNA (+) or HCV-antibodies (+)	Up to December 2021	Medical records from 3 major HCV treatment centers were retrospectively reviewed by trained HCPs	
<b>Spain</b> Vargas-Accarino, et al <sup>7</sup>	HCV-RNA (+)	January 2019– May 2021	Retrospective search in microbiology databases of the Barcelona North Health Area	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

## Limitations

- Not all programs have final data available yet
- Not all programs collected and reported on the same data
  - Comparing models from different countries
  - Each country will have its own cascade
  - Not all countries have public healthcare with the same accessibility

References: 1Isfordink CJ, et al. BMJ Open Gastroenterol. 2020;7(1):e000396. 2Isfordink CJ, et al. Eur J Intern Med. 2022. In press. 3Wyatt B, et al. Hepatol. 2021;74(6):2974–87. 4Métivier S, et al. Presented at the American Association for the Study of Liver Diseases meeting; November 13–16, 2021; virtual. 5Mendizabal M, et al. Presented at the International Viral Hepatitis Elimination meeting; December 3–4, 2021; virtual. 6Bittencourt PL, et al. Presented at the International Liver Congress meeting; June 22–26, 2022; London, UK. 7Vargas-Accarino E, et al. J Viral Hepat. 2022;29(7):579–83..

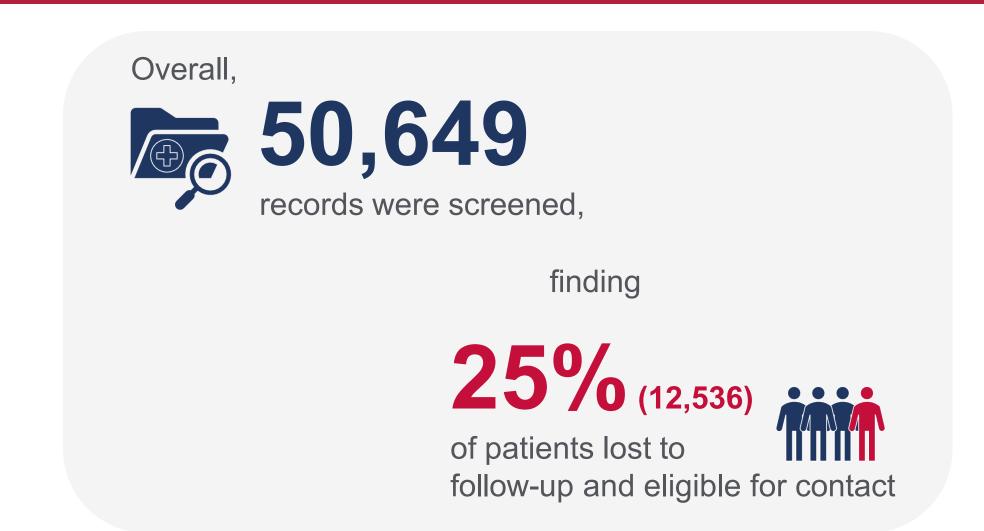
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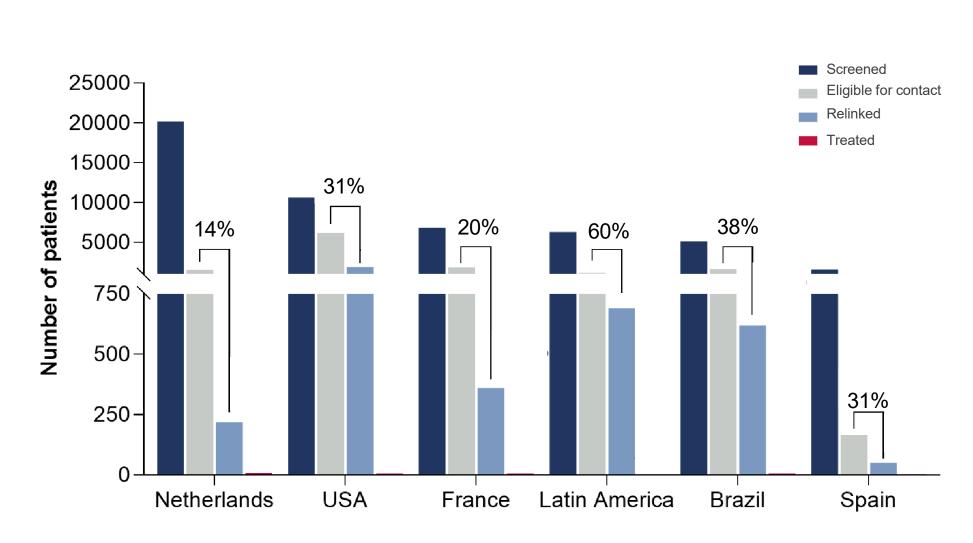
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**Disclosures:** M. Buti declares financial relationships with Gilead Sciences, Inc., and AbbVie, Inc., for speaking and teaching

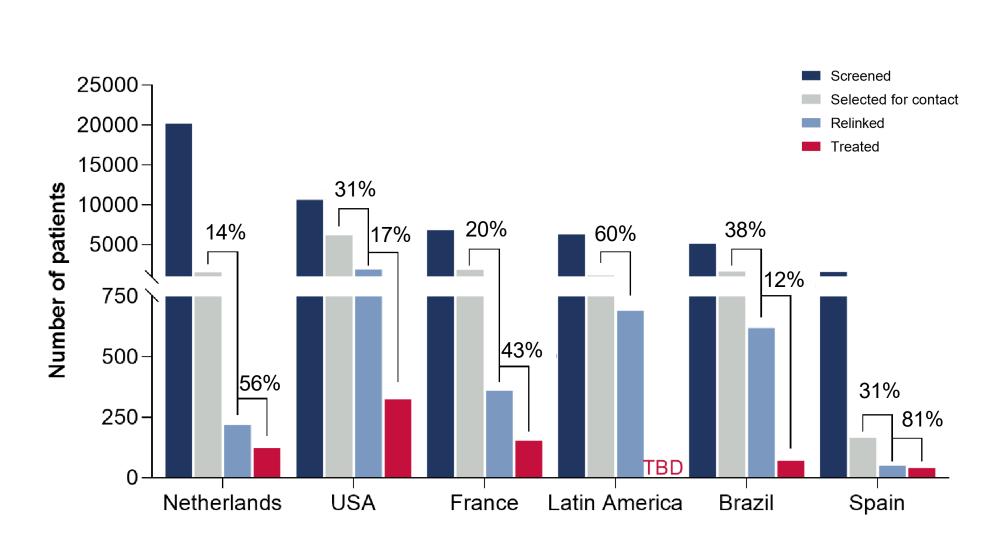
#### Results



#### **Efficacy of ReLink Programs**



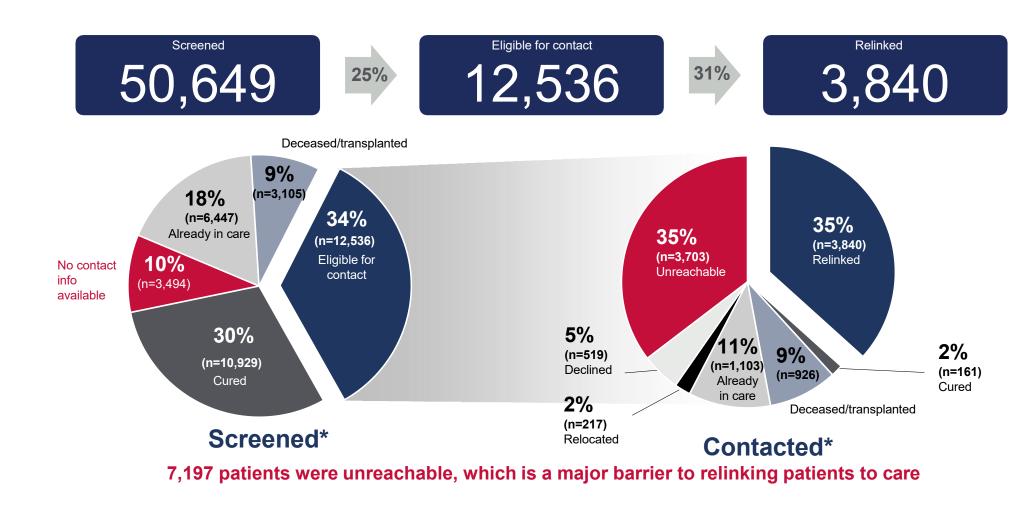
#### **Cascade of Patient Care in ReLink Programs**



TBD, to be determined

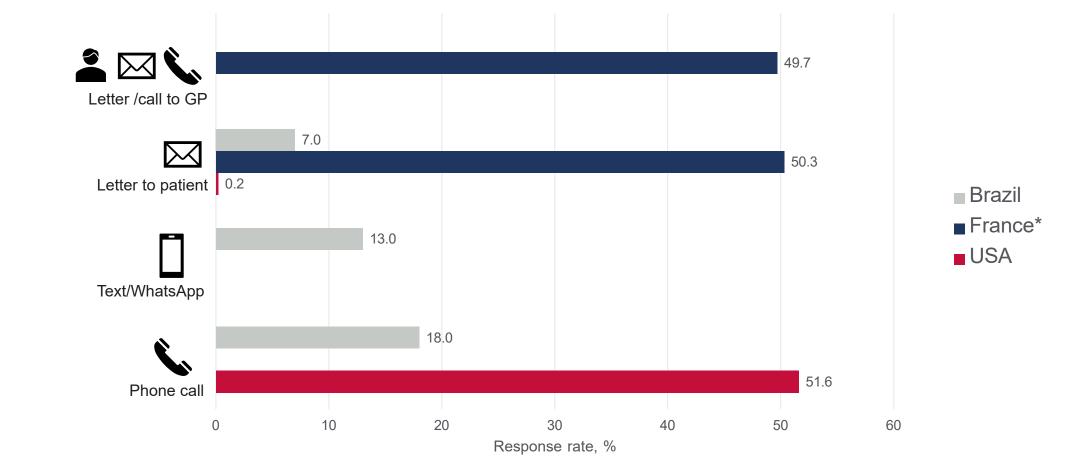
TBD, to be determined

## Reasons Patients Were Unable to Be Relinked



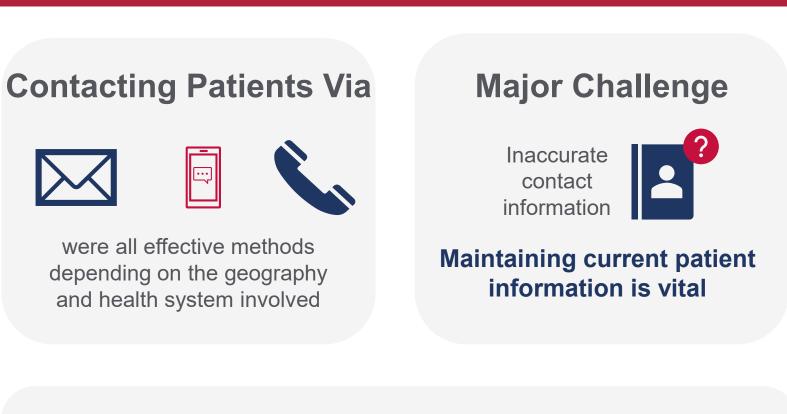
\*Not all programs provided these data; total screened with data are 36,511, total contacted with data are 10,469

## **Response Rate by Contact Method**



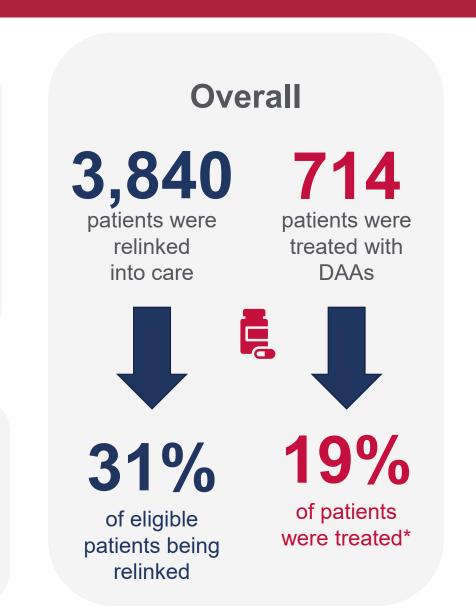
\*Data from two sites only. GP, general practitioner.

## Summary



Further validation of these pilot programs

are needed in a post-Covid era.



DAA, direct-acting antiviral.
\*Treatment rates are not yet available for the Latin American program.