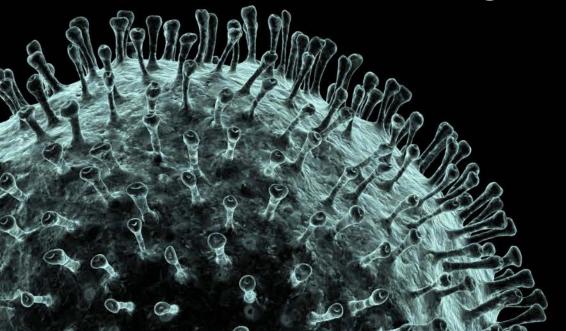
COVID-19 Conversations



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COVID19Conversations.org #COVID19Conversations





Increasing Vaccination Uptake

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(S)SAGE

Increasing Vaccination: Putting Psychological Science Into Action

Noel T. Brewer^{1,2}, Gretchen B. Chapman³, Alexander J. Rothman⁴, Julie Leask^{5,6}, and Allison Kempe^{7,8,9}

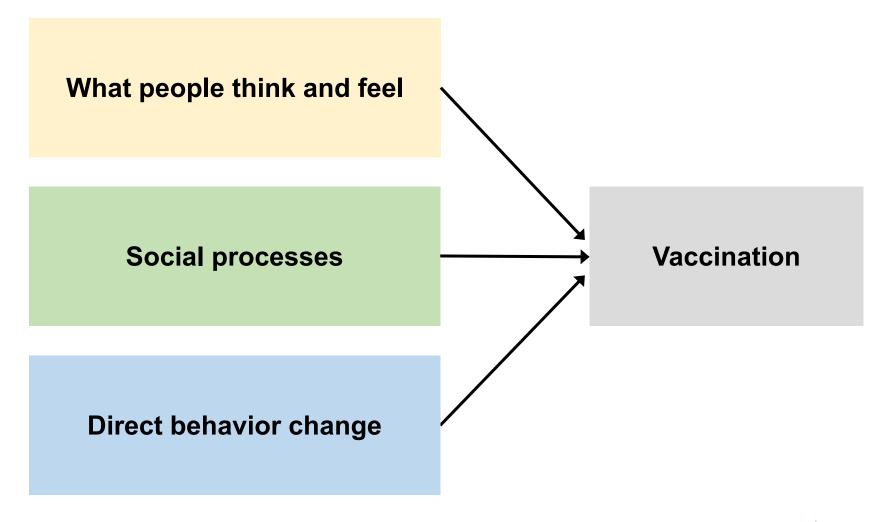
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Vaccination is one of the great achievements of the 20th century yet persistent public health problems include

Increasing Vaccination Model



What people think and feel	Likely impact	
Messages that increase disease risk appraisals	0	○ None or
Education campaigns that increase vax confidence	0	minimal
Decision aids	\circ	Modest
Motivational interviewing	\circ	substantial

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Social processes		
Descriptive norm messages	0	
Social network interventions that build on contagion	0	
Messages that change altruism or freeriding beliefs	0	

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Social processes		
Descriptive norm messages	0	
Social network interventions that build on contagion	0	
Messages that change altruism or freeriding beliefs	0	
Direct behavior change		
Presumptive healthcare provider recommendations	•	
Reminders and recalls	0	
Implementation intention interventions	0	
Mere measurement interventions	0	
Onsite vaccination		
Default appointments	•	
Incentives		

Vaccination requirements

What people think and feel Messages that increase disease risk appraisals Education campaigns that increase vax confidence Decision aids Motivational interviewing

- None or minimalModest
- substantial

Social processes

Descriptive norm messages

Social network interventions that build on contagion

Messages that change altruism or freeriding beliefs

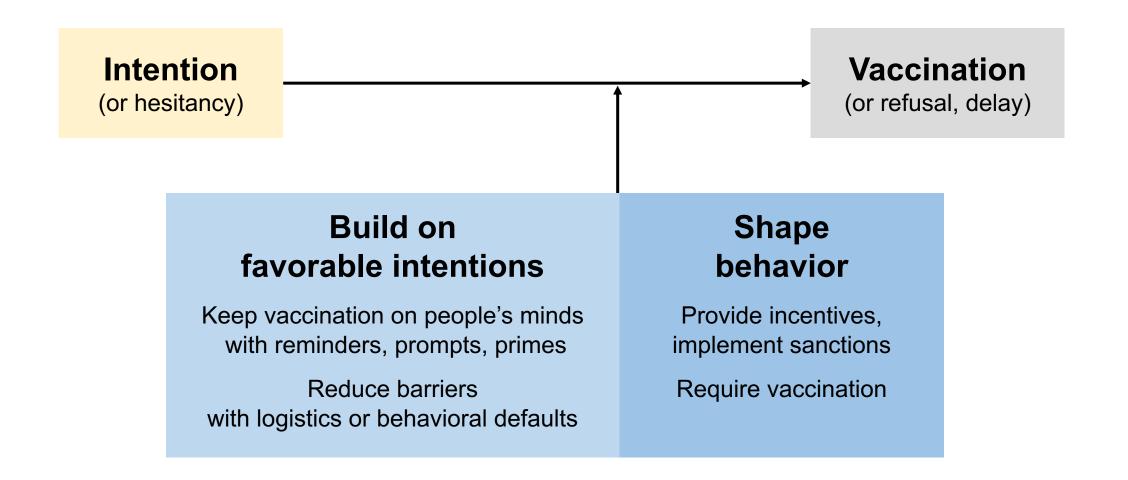
Direct behavior change

Presumptive healthcare provider recommendations
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Vaccination requirements

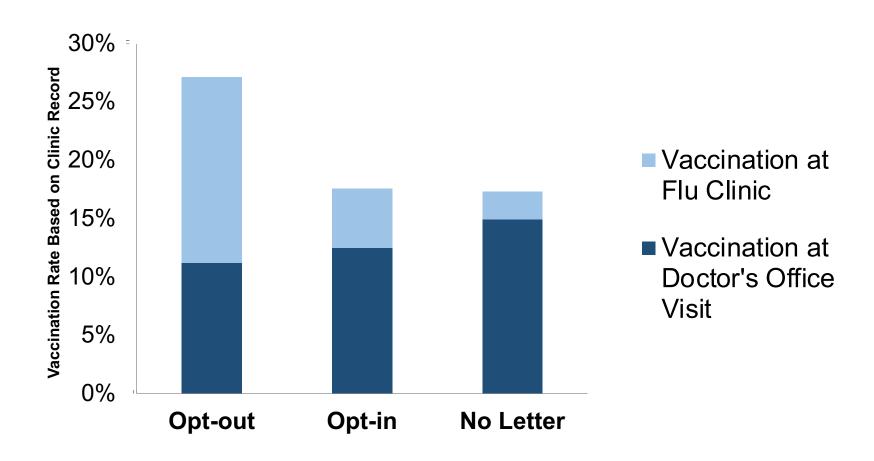
GLOBAL PUBLIC HEALTH

Proposition 3. Direct behavior change influences vaccination

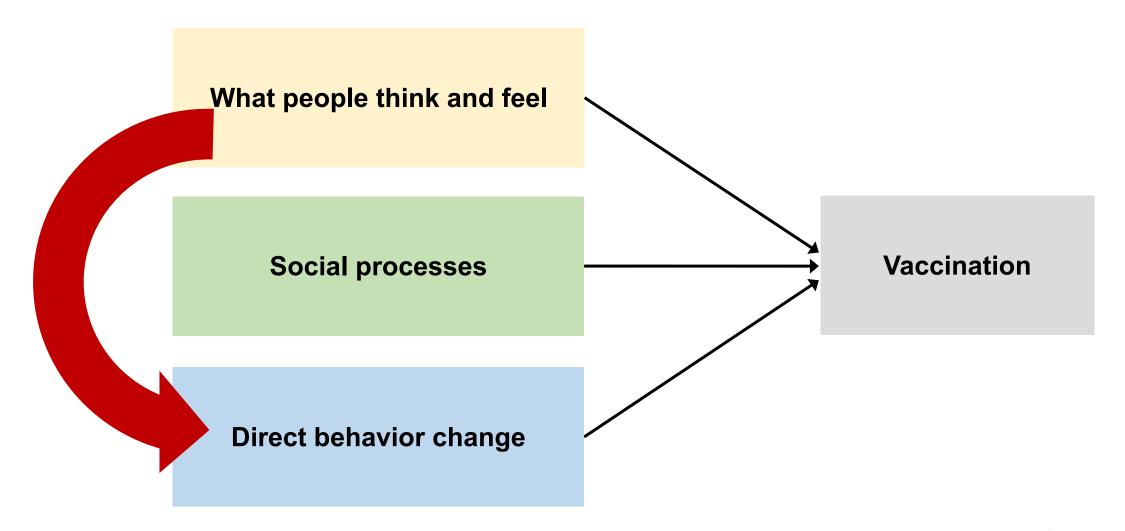
Clear evidence from interventions



Example: Default appointments



Increasing Vaccination Model

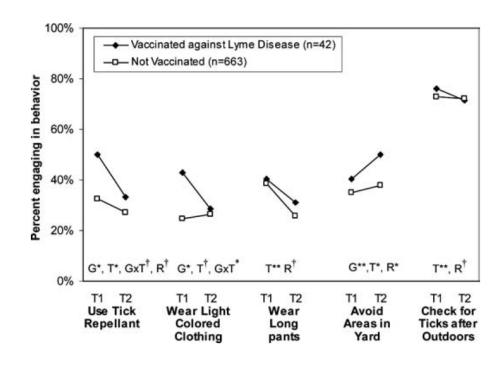


Will vaccination lead people to take risks?

Probably not

Only matters when a vaccine is not very effective

Lyme vaccination and other preventive behaviors Brewer et al., 2007, *JBM*



Study	Effect on hand hygiene	
	Hand washing	Sanitiser use
Alfelali 2019 ⁴²	+	0
hiello 2012 ⁴³	0	0
Cowling 2008 ⁴⁴	+	Not reported
owling 2009 ⁴⁵	0	0
arson 2010 ⁴⁶	Not assessed	0
immerman 2011 ⁴⁷	0	Not assessed

Mask wearing and hand hygiene Mantzari, Rubin, & Marteau, 2020, *BMJ*

