



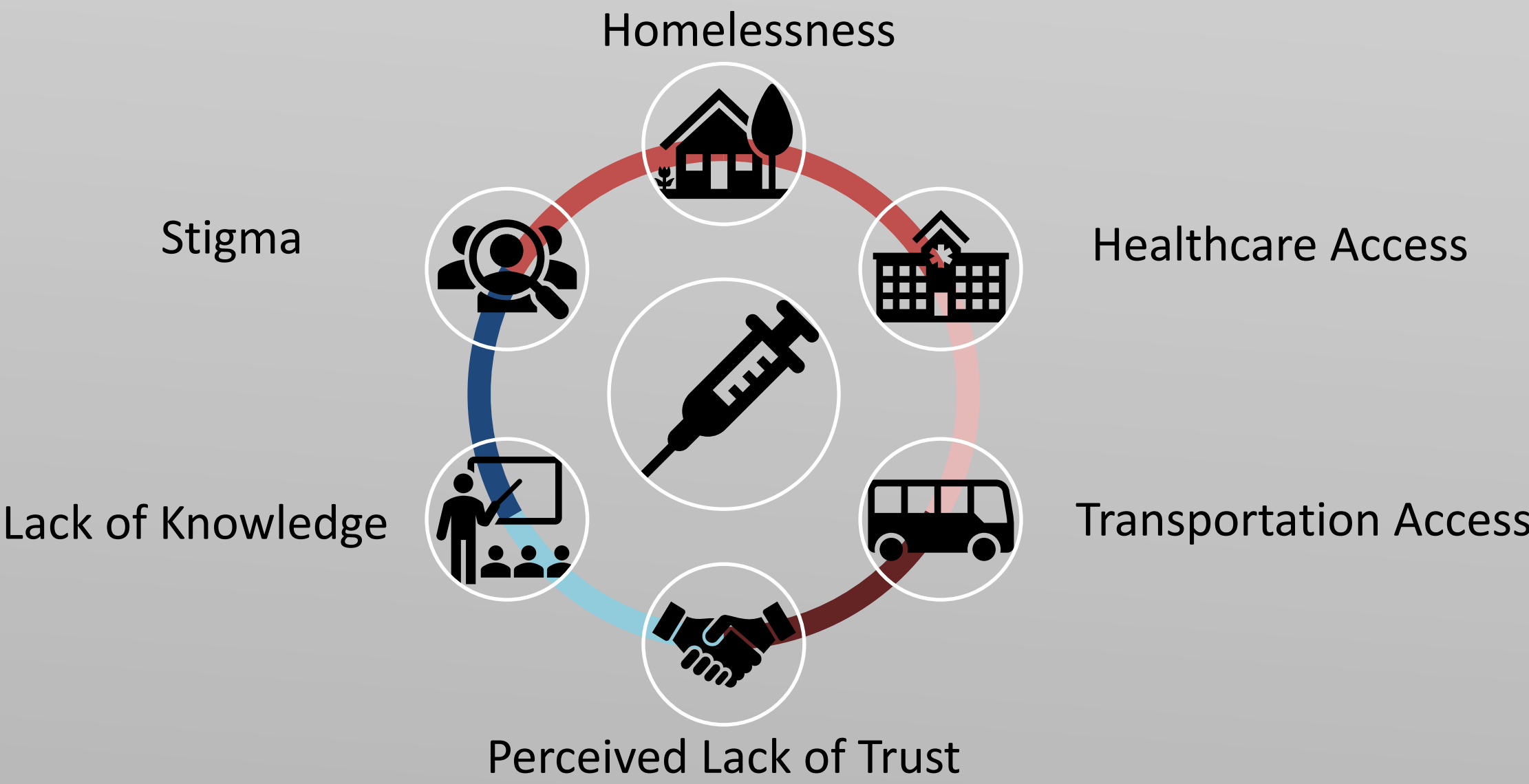
Improving infectious diseases screenings and vaccine administration in veterans with substance use disorder in a substance abuse residential rehabilitation treatment program: a quality improvement project

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Background¹⁻⁴

Barriers to Vaccination Administration in Patients with SUD



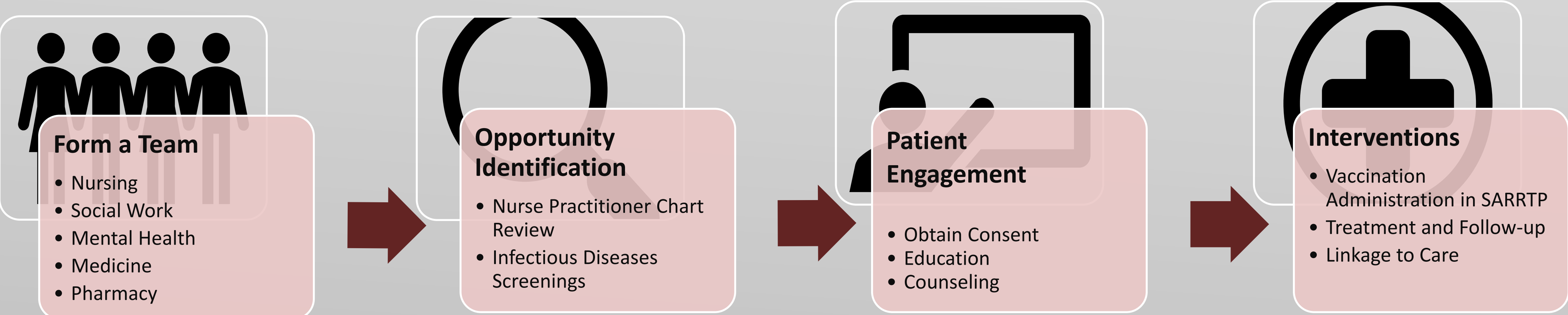
Purpose

To provide an infectious diseases (ID) screening and increase vaccination rates among veterans with substance use disorder (SUD)

Endpoints

- Primary Endpoint:**
- Total number of veterans who received ID Screening
- Secondary Endpoints:**
- Number of veterans identified and treated for an infectious disease
 - Total number of veterans who received vaccination
 - Number of veterans who were linked to care

Methods



Results

Table 1: Patient Demographics (n=106)		
Veteran Identified	Number of Veterans	Age of Veteran in Years (Average)
Sex		
Male	97 (91.5%)	20-80 (52)
Female	9 (8.5%)	

Table 2: Infectious Diseases Screening Summary (n=105)		
Laboratory Test	Number of veterans who tested positive	Number of veterans who tested negative
Hepatitis A antibody Total	63	42
Hepatis B surface antibody	52	53
Hepatitis B surface antigen	0	105
Hepatitis B core antibody	12	93
Hepatitis C antibody	14	91
HCV PCR Quant < 15 copies	12	-
HCV PCR Quant > 15 copies	2	-
HIV Antigen/Antibody 4 th Gen	1	104
Syphilis CIA	4	101
RPR Qualitative	0	4
RPR Quantitative	0	4
TP-PA	2	2
QuantiFERON-TB Gold	2	103

Table 3: Vaccination Administration Results Summary			
Name of Vaccination	Vaccination Dose in Dose Series	Number of Veterans Vaccinated	Total for Vaccination Series
Hepatitis A	1	9	9
	2	-	
Hepatitis B (Energix-B®)	1	8	15
	2	4	
	3	3	
Hepatitis B (Heplisav-B®)	1	7	10
	2	3	
Hepatitis A/ Hepatitis B	1	23	31
	2	8	
PPSV 23	1	23	28
PCV 13	1	5	
RZV	1	24	36
	2	12	
Influenza	1	51	51
Tetanus	1	14	14
HPV-9	1	17	21
	2	4	
	3	-	
Meningococcal	1	1	1
Total	-	-	216

Results (Continued)

Table 4: Number of Patients per Vaccination		
Number of Vaccines Administered per Patient	Number of Veterans who Received	Total Number of Vaccinations
0	29	0
1	14	14
2	20	40
3	18	54
4	12	48
5	7	35
6	3	18
7	1	7
Total	75	216

Conclusions

- Total of 105 veterans received ID screenings (1 declined)
- Total of 75 veterans received 216 vaccinations
- Average number of 2 vaccinations per veteran
- Highest number of vaccinations per veteran was 7
- Two veterans with HCV connected to care for evaluation
- Two veterans with latent TB connected to care for evaluation
- STI Treatments: 1 bacterial vaginosis, 1 chlamydia, 2 latent syphilis

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Disclosures

The authors of this presentation have no financial interests with commercial entities that may have a direct or indirect interest in the subject matter of this presentation