

Starting an HCV Clinic

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Indian Health Service

Belcourt, ND

Conflict of Interest Disclosure Statement

▶ None

Objectives

- ▶ Learn the tools to appreciate the scope of hepatitis C in their service area
- ▶ At the end of this presentation, participants will have the knowledge and tool set to start a hepatitis c clinic at their service unit

Prior to HCV Clinic

With Insurance
(Pvt./Federal)



Referred to Medical
Specialists



\$10,000/referral



Distance
Lost to follow-up

Without Insurance



Very Few Options



Rationing Care



Poor outcomes

Identifying Patients with Hepatitis C

iCare

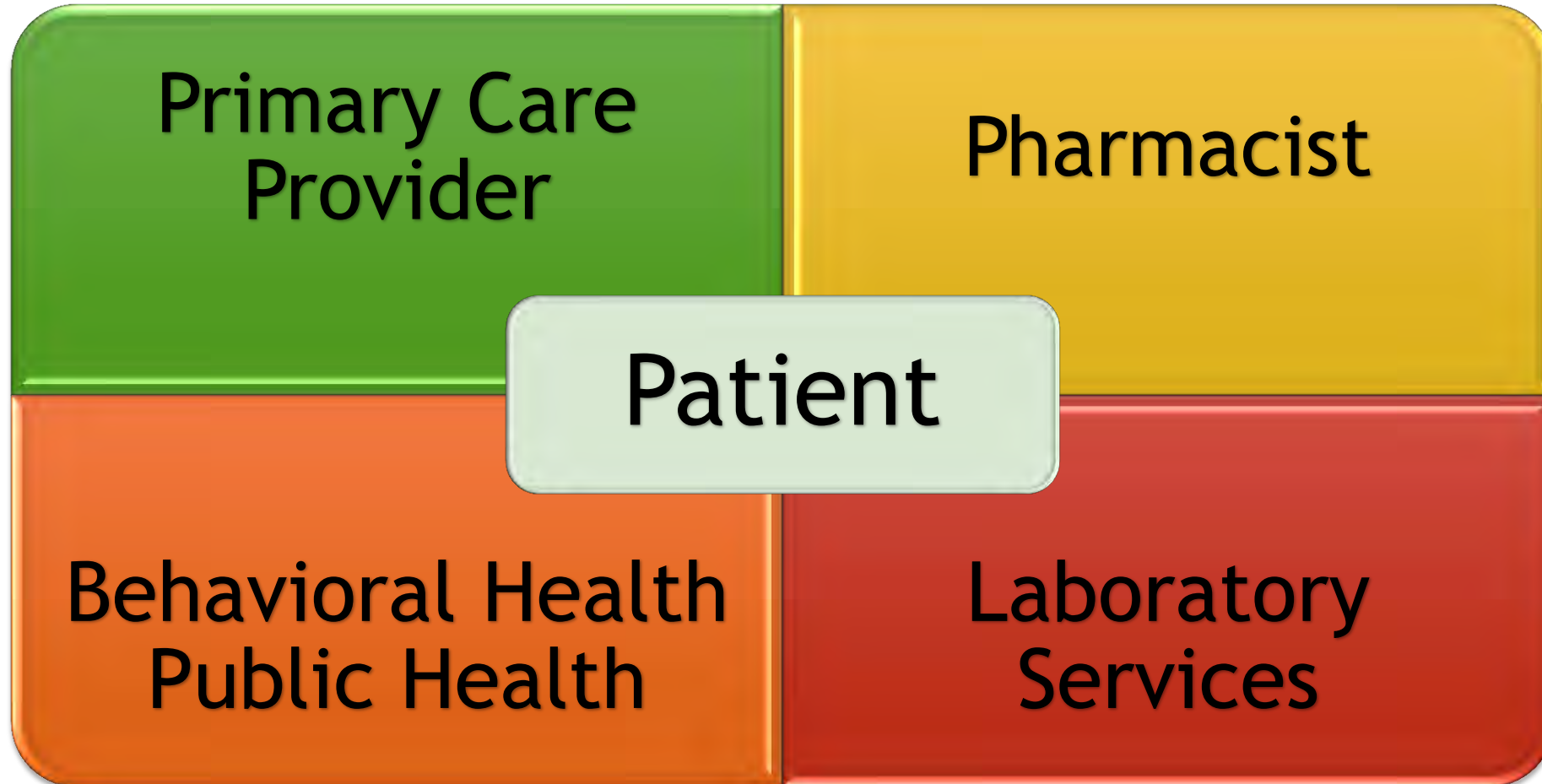
168 patients

- 25% screening rate

VGEN

155 patients

Inter-collaborative Approach



Challenges in Starting Clinic

Labs do not exist
in system



Fibrosure Test



NS5A
Resistance Test

EHR Documentation

Initial Visit

PHQ-9 screen

AUDIT-C

Order labs from
Hep C Menu

Comprehensive visit

Project ECHO
recommendations

Start Medication
Authorization

End of Treatment

Follow-up labs
ordered
throughout the
process

SVR

Patient is cured!

Counsel about re-
infection and
prevention

Managing Patients

Hepatitis C Patient Panel List

Excel document for patient management

Created by Jessica Leston, Brigg Reilley, and David Stephens

Automatically calculates APRI, FIB 4 scores

Excellent for helping to prioritize patients based on liver function and viral load

Managing Patients

Hepatitis C Patient Panel List

New panel created by Neelam 'Nelly' to help manage patients referred to the clinic

Spin-off of previous panel, automatically calculates APRI, FIB 4 scores

Organized by stage in the treatment processes

Reminders for labs while in treatment, immunizations, notes

Managing Patients

Snapshot of stage in treatment process drop down menus (these can be adjusted)

White: Unable to contact
Green Ready to present to ECHO
Blue Started treatment
Yellow Pending Appt need labs
Red UDS Positive
Purple Medication Approval Pending
Orange Completed treatment, pending SVR labs
Grey CURED

Managing Patients

Hepatitis C Patient Panel List
 Developed by: Neelam Gazarian, QNBMHCF, Belcourt ND
 email: neelam.gazarian@ihs.gov

Patient Name	ID	DOB	Age in 2017	AST/SGOT	ALT SGPT	Platelets	APRI	APRI Stage	FIB 4	FIB 4 Stage Calc	Viral Load	Genotype	Labs ordered	Notes	Contact Info	
Smith,Jane	12345	1/1/1980	Completed treatme	37	140	180	250	1.4	3	1.544377616	3	3800000	1a	Sheet11A1	HARVONI X 8 WEEKS, MEDICAID APPROVED. Labs 10/31	
smith,s	12346	1/1/1961	Ready to present to	56	48	48	299	0.401337793	1	1.297589903	1	4100000	1a or 1b	Sheet21E2	F0, Expansion. ECHO 10/4/17	
doe,j	12347	1/2/1981	Pending Appt need	36	42	60	348	0.301724138	1	0.560914829	1	200	unknown	Sheet31A1	Medicaid, F0 try PAP, self clearer? Labs on 9/14/17.	
doe,john	12348	1/3/1991	Pending Appt need	26	28	36	297	0.235690236	1	0.408529742	1	18000000	2b	Sheet41A1	Expansion, pt will come in for labs today	
smith,m	123	1/4/1987	Pending Appt need	30	30	41	239	0.313807531	1	0.588102032	1	200		Sheet51A1	Expansion, Manual genotype to NS5A when comes in. Called 9/7	
smith,a	1234	1/5/1915	Pending Appt need	102	484	624	223	5.426008969	3	8.862339346	3	370000	1a or 1b	Sheet61A1	Medicaid, depression, no appt in past 2 years	
smith,b	111	1/6/1933	Purple Medication	84	96	104	169	1.420118343	3	4.678936431	3		1a or 1b	Sheet71A1		
smith,c	1112	1/7/1945	Ready to present to	72	50	70	333.5	0.374812594	1	1.290201797	1	430000	1a	Sheet81A1	echo 9/20	
smith,d	1549	1/8/1965	Already started tre	52	34	31	195.6	0.434560327	1	1.623426247	3	2600	1	Sheet91A1	Medicaid, will try PAP bring in income docs, need hcv viral load in Nov	
duck,donald	1456	2/8/2017	Already started tre	0	55	41	277	0.496389892	1	0	1	920000	1a or 1 b	Sheet101A1	Harvoni X 8 WEEKS, PAP, theracom pharmacy called 877-398-0966 awaiting	
Mouse,Mickey	78946	8/15/1955	Already started tre	62	38	42	177	0.536723164	1	2.053890918	3	9200000	2b	Sheet111A1	2b EPCLUSA order from Mckesson, 12 weeks	c 278-5311 h 5
mouse,Minnie	4568	8/8/1999	Pending Appt need	18	105	133	212	1.238207547	3	0.773036718	1			Sheet121A1	Expansion, waiting pt to call back need to enter all labs	
Pan,peter	45566	1/12/1966	Already started tre	51	43	56	345	0.311594203	1	0.849425947	1	4400000	1	Sheet131A1	1a or 1b	
Poppins,Mary	4848	5/9/1988	Completed treatme	29	47	67	211	0.556872038	1	0.78917987	1		#REF!	Sheet141A1	Harvoni X 8 WEEKS, PAP, called on 9/11 no vmail to get ETF	HARVONI X 8 v
Wonka,Willy	89621	5/9/1944	Cannot contact	73		37		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#REF!	Sheet151A1	no insurance, no pcp appt in past year. Unable to Contact	
Free,Willy	4576	3/8/1992	May need Beh Healt	25	50	110	244	0.512295082	1	0.488454195	1	4000000	3	Sheet161A1	medicaid. Call in November. Need clean UDS	
doe,a	4562	5/9/1985	Pending Appt need	32	88	216	314.5	0.699523052	1	0.609235393	1	3600	3	Sheet171A1	expansion,needs more labs, called on 9/7/17, left VM	
doe,b	78956	12/12/1986	Cannot contact	30				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	15000	3	Sheet181A1	no insurance, called in aug and sept cannot leave vmail	
doe,c	7778	1/18/1955	Cannot contact	62	48	54	230	0.52173913	1	1.760792627	3			Sheet191A1	expansion,calle dpt and left a msg on 9/7, no labs done, needs screen?	
doe,d	98686	9/8/1998	Ready to present to	19	129	116	78	4.134615385	3	2.917559448	3	120000		Sheet201A1	no insurance, labs entered pt coming in 9/7	
doe,e	8587	8/7/1965	Medication Approva	52	95	150	204	1.164215686	3	1.977202505	3		1	Sheet211A1	medicaid, will try PAP	
doe,f	78456	12/21/1949	Ready to present to	67	96	90	268	0.895522388	3	2.529822128	3			Sheet221A1	Expansion. Spoke 9/7. Appt in 2 weeks. Watch for HCV load	
doe,g	32625	1/22/1961	Pending Appt need	56				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			Sheet231A1	Expansion. Left VM	
smith,l	79856	1/26/1988	Pending Appt need	29	384	269	250	3.84	3	2.715895613	3	9700000	1	Sheet241A1	PART D. Called 9/7. Appt 10/18 Ness	
smith,z	42641	1/25/1966	Red May need Beh h	51				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			Sheet251A1	Expansion. Meth intoxication	
smith,k	93325	5/5/1988	Blue Already startec	29	91	81	166	1.370481928	3	1.766398929	3			Sheet261A1	Expansion	
Smith,Jane	7816	9/8/1999	Cannot contact	18	34	39	337	0.252225519	1	0.290796529	1		1	Sheet271A1	Expansion. Meth	

Managing Patients

	Labs to Order	Date Order	Hep A serology/shot	Hep B Ab/Shot , if no	Hep A Shot	6 months	Hep B 0 week	1 month	6 months
<input type="checkbox"/>	HCV Screen	FALSE			9/22/2017	3/21/2018	8/17/2017	9/14/2017	2/13/2018
<input checked="" type="checkbox"/>	HCV Viral Load	9/22/2017							
<input checked="" type="checkbox"/>	HCV GT	9/22/2017							
<input checked="" type="checkbox"/>	NS5A Resistance	9/22/2017							
<input type="checkbox"/>	Pregnancy Test	FALSE							
<input type="checkbox"/>	HIV Scream	FALSE							
<input type="checkbox"/>	Chem 14	FALSE							
<input checked="" type="checkbox"/>	CBC	9/22/2017							
<input type="checkbox"/>	PT/INR	FALSE							
<input type="checkbox"/>	Anemia Panel	FALSE							
<input type="checkbox"/>	Vit D	FALSE							
<input checked="" type="checkbox"/>	AFP Marker	9/22/2017							
<input type="checkbox"/>	Fibrotest	FALSE							
<input type="checkbox"/>	Hep A Ab	FALSE	Negative						
<input type="checkbox"/>	Hep B s Ab	FALSE		Positive					
<input type="checkbox"/>	Hep B s Ag	FALSE		Positive					
<input type="checkbox"/>	Hep B core Ab	FALSE		Positive					
<input type="checkbox"/>	UDS	FALSE							
<input type="checkbox"/>					9/17/2017	Treatment Start Date			
<input type="checkbox"/>	At 4 week				10/15/2017	At 4 week			
<input type="checkbox"/>	HCV Viral Load	FALSE							
<input type="checkbox"/>	Chem 14	FALSE							
<input type="checkbox"/>	CBC	FALSE							
<input type="checkbox"/>									
<input type="checkbox"/>	At 8 weeks				11/12/2017	At 8 weeks			
<input type="checkbox"/>	HCV Viral Load	FALSE							
<input type="checkbox"/>	Chem 14	FALSE							
<input type="checkbox"/>	CBC	FALSE							
<input type="checkbox"/>									
<input type="checkbox"/>	At ETR				12/10/2017	At ETR			
<input type="checkbox"/>	HCV Viral Load	FALSE							
<input type="checkbox"/>	Chem 14	FALSE							
<input type="checkbox"/>	CBC	FALSE							
<input type="checkbox"/>									
<input type="checkbox"/>	At SVR				3/4/2018	At SVR			
<input type="checkbox"/>	HCV Viral Load	FALSE							

Navigating Insurance

Stage of fibrosis score

- APRI, FIB 4

Abstinence

- Differs by state

Patient Assistance Program

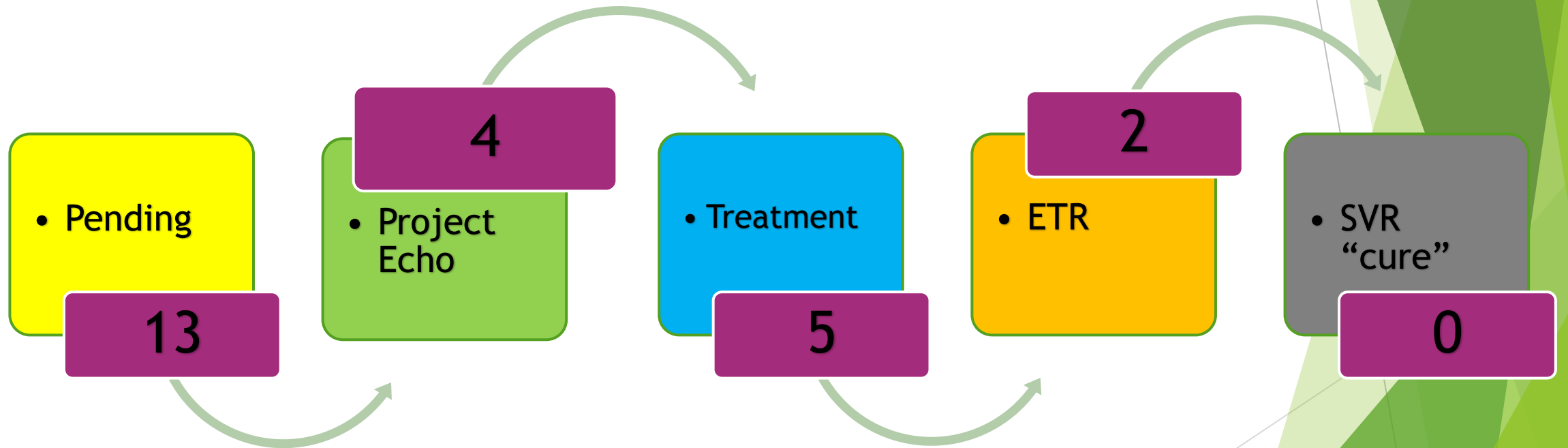
Gilead's Support Path

- Sovaldi®[®], Harvoni®[®], Epclusa®[®]

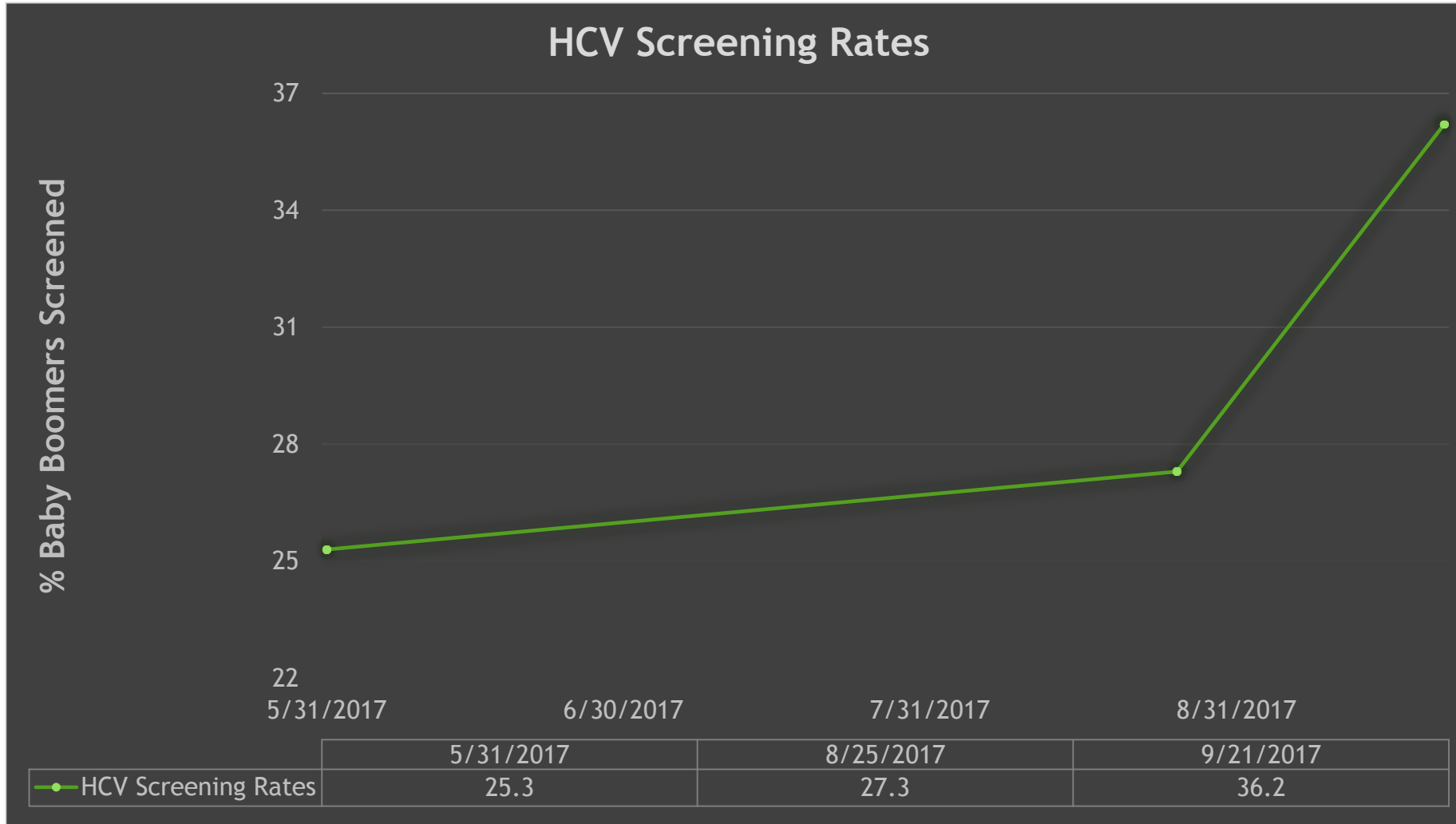
AbbVie Patient Assistance Foundation

- Viekira Pak®[®], Mavyret®[®]

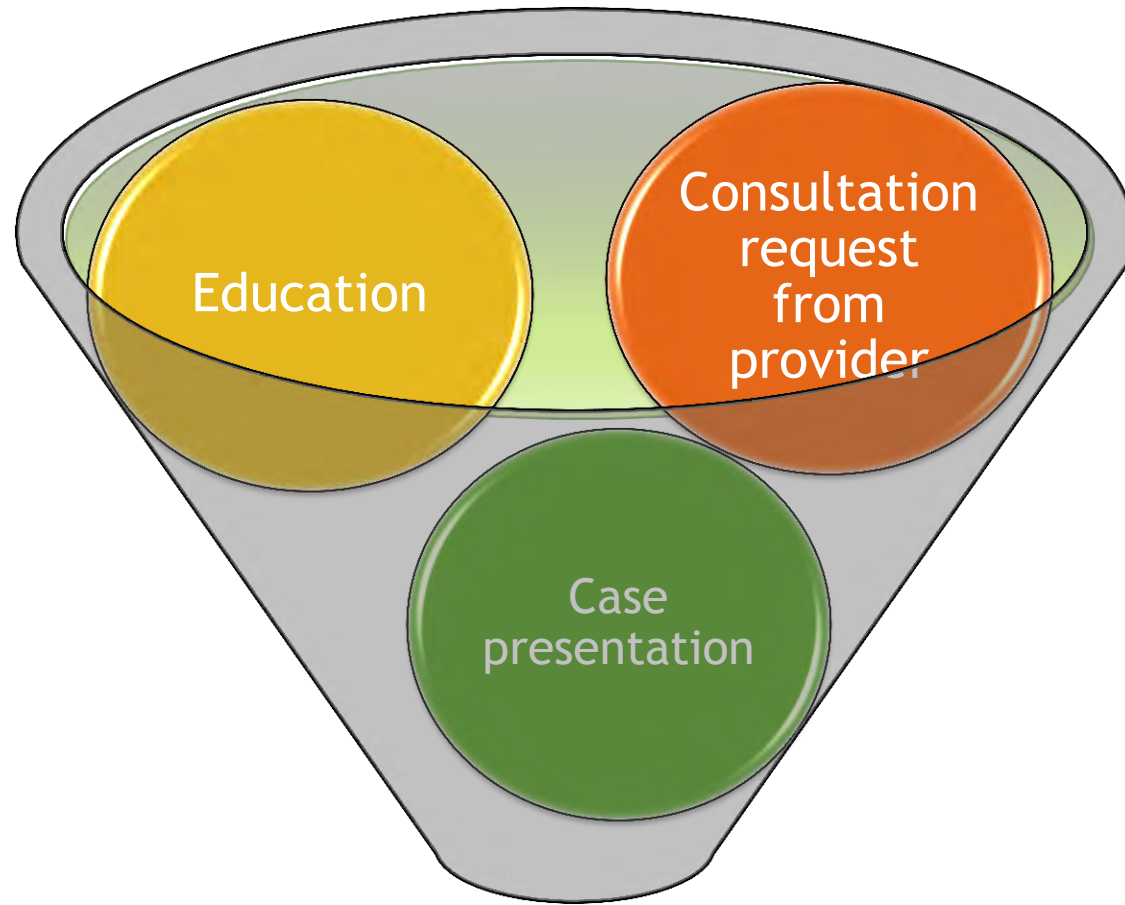
Current Status



Screening Rates

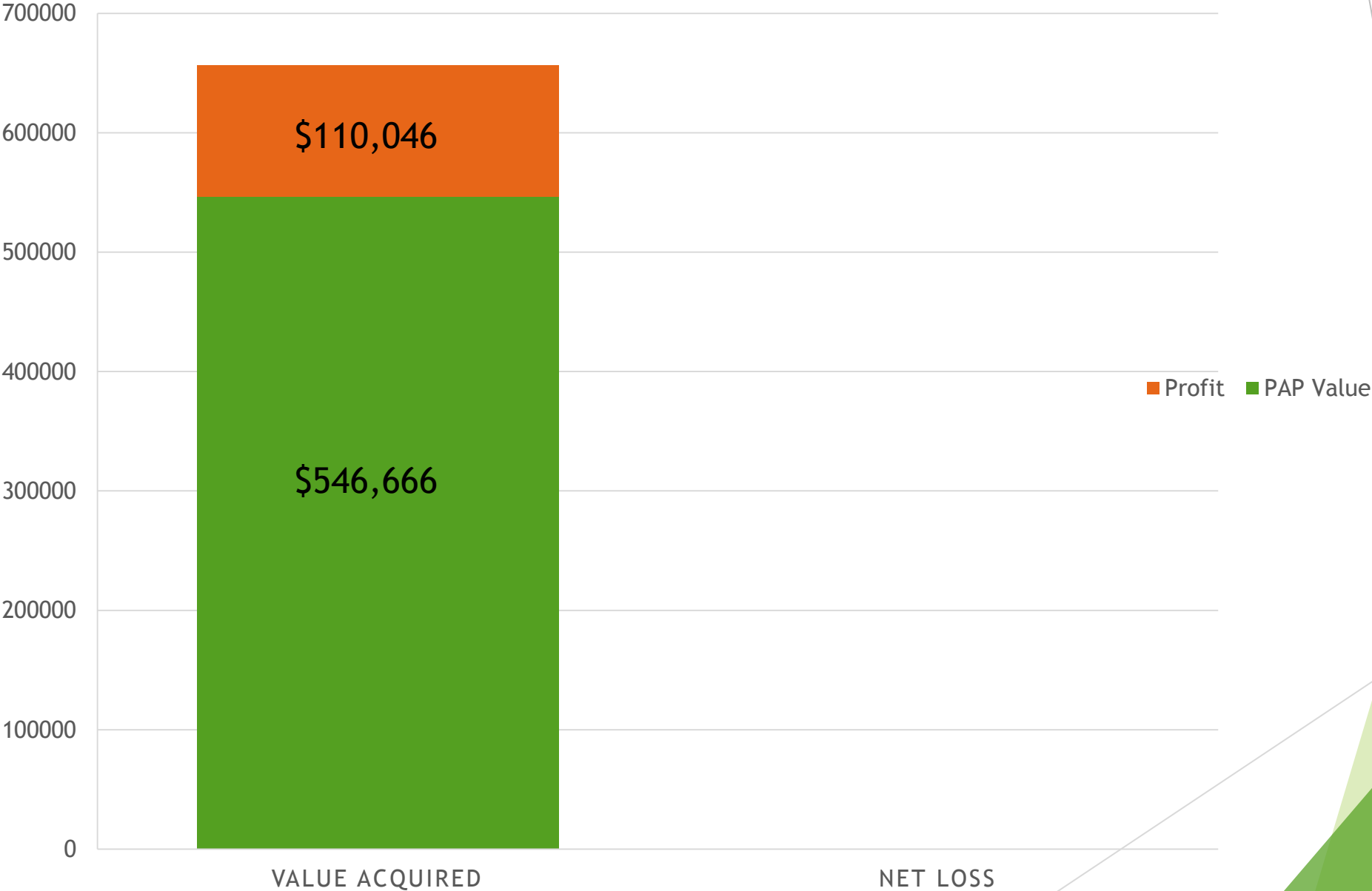


Investment Cost Analysis



Acquiring the medication

COST ANALYSIS OF MEDICATIONS



Next Steps



Next Steps

- ▶ Leading efforts in the Great Plains, Bemidji and Billings Areas
 - ▶ Sharing experiences and resources with other service units



Success Story

Lobbied ND Medicaid



Drop minimum fibrosure score requirements



12-months abstinence requirements



No NS5A resistance test required unless prescribing Zepatier®

Acknowledgement

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- ▶ David Stephens, BSN, RN, Case Manager for the Northwest Portland Area Indian Health Board.

Questions



Thank you

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