



Medicaid: Beyond the Silos Series Health and Housing Integration

August 7, 2015

Arizona Environment

Medicaid expansion adopted in 2013.
Legislature filed a law suit challenging
legality of hospital assessment that
funds expansion.

From 2013-2014 Arizona decreased
chronic homelessness by 15%.

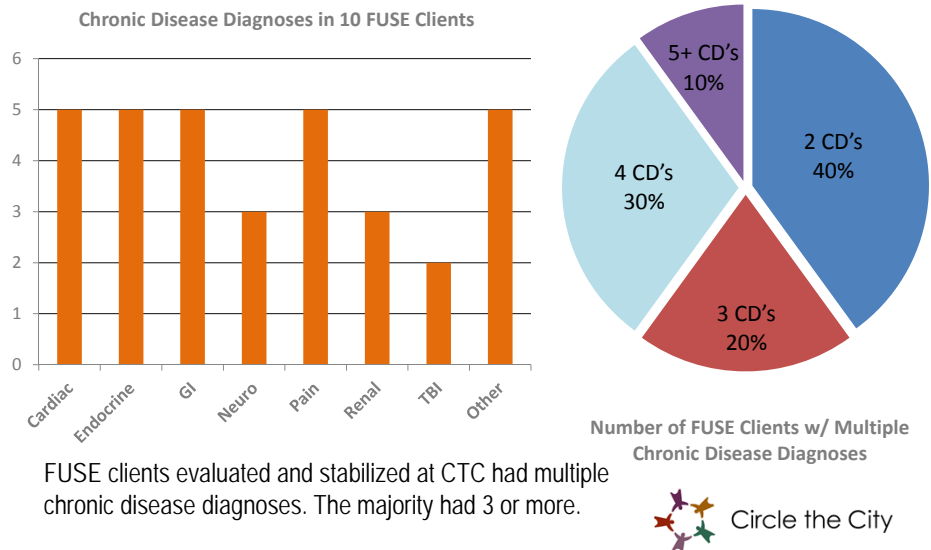


Supportive Housing

- Number of SH units growing
- 1,600 SH units funded for individuals with SMI by Continuum of Care (rental subsidies) and Medicaid (supportive services)
- Regional public/private initiative created additional 1,000 SH units targeted to chronically homeless individuals in Maricopa County
- But still have SH need and resource challenges
- Approximately 1000 more SH units needed to end chronic homelessness in Maricopa County.
- AZ Medicaid Plan covers a comprehensive array of services, but SH services are currently available only for individuals with SMI
- FUSE demonstration realized 73% reduction in ER visits and 74% reduction in in-patient utilization for high acuity/high utilization General Mental Health/Substance Use homeless individuals



Diagnosis is Homelessness



Cycling In and Out of Care

Root Causes of Cycling In and Out of Emergency Services

- Presumptive diagnosis/labeling
- Trauma/injury
- Poor health work-ups
- Medication non-compliance
- Self medicating
- Chronic medical conditions
- Exacerbation of chronic disease
- Substance use
- Primary care system not responsive to population/issues



Case Study: “Mr. 280”

- Well known to Phoenix Fire Department for frequent 911 calls, transport to multiple hospitals in Phoenix, according to local lore 280 visits.
- 192 of them between 2007 and 2013 at St. Joseph’s Hospital. Over that time had no in-patient admissions.
- Patient engaged in July 2013, spent 3 weeks at Circle the City, discharged to Permanent Supportive Housing.

Case Study, "Mr 280," page 1

Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
46	3/23/1963		OUT	1	1	7/21/2009	7/21/2009	\$4,110
46	3/23/1963		OUT	1	1	7/21/2009	7/21/2009	\$1,318
46	3/23/1963		OUT	1	1	7/25/2009	7/25/2009	\$1,342
46	3/23/1963		OUT	1	1	7/26/2009	7/26/2009	\$644
46	3/23/1963		OUT	1	1	7/29/2009	7/29/2009	\$1,331
46	3/23/1963		OUT	1	1	7/30/2009	7/30/2009	\$644
46	3/23/1963		OUT	1	1	8/4/2009	8/4/2009	\$3,805
46	3/23/1963		OUT	1	1	8/5/2009	8/5/2009	\$1,318
46	3/23/1963		OUT	1	1	8/17/2009	8/17/2009	\$1,331
46	3/23/1963		OUT	1	1	8/18/2009	8/18/2009	\$644
46	3/23/1963		OUT	1	1	8/19/2009	8/19/2009	\$1,318
46	3/23/1963		OUT	1	1	8/21/2009	8/21/2009	\$4,495
46	3/23/1963		OUT	1	1	8/24/2009	8/24/2009	\$14,381
46	3/23/1963		OUT	1	1	8/27/2009	8/27/2009	\$1,634
46	3/23/1963		OUT	1	1	8/29/2009	8/29/2009	\$644
46	3/23/1963		OUT	1	1	9/10/2009	9/10/2009	\$644
46	3/23/1963		OUT	1	1	9/22/2009	9/22/2009	\$2,240
46	3/23/1963		OUT	1	1	9/24/2009	9/24/2009	\$1,492
46	3/23/1963		OUT	1	1	10/6/2009	10/6/2009	\$1,634
46	3/23/1963		OUT	1	1	10/11/2009	10/11/2009	\$1,318
46	3/23/1963		OUT	1	1	10/22/2009	10/22/2009	\$730

Case Study – "Mr 280," page 2

Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
44	3/23/1963		OUT	1	1	7/3/2007	7/3/2007	\$2,768
44	3/23/1963		OUT	1	1	7/13/2007	7/13/2007	\$2,600
44	3/23/1963		OUT	1	1	7/20/2007	7/20/2007	\$1,396
44	3/23/1963		OUT	1	1	7/25/2007	7/25/2007	\$7,530
44	3/23/1963		OUT	1	1	7/29/2007	7/29/2007	\$87
44	3/23/1963		OUT	1	1	10/29/2007	10/29/2007	\$1,348
44	3/23/1963		OUT	1	1	10/29/2007	10/29/2007	\$732
44	3/23/1963		OUT	1	1	11/3/2007	11/3/2007	\$2,499
44	3/23/1963		OUT	1	1	11/8/2007	11/8/2007	\$595
44	3/23/1963		OUT	1	1	11/9/2007	11/9/2007	\$1,225
44	3/23/1963		OUT	1	1	11/11/2007	11/11/2007	\$595
44	3/23/1963		OUT	1	1	11/24/2007	11/24/2007	\$1,219
44	3/23/1963		OUT	1	1	12/9/2007	12/9/2007	\$1,241
44	3/23/1963		OUT	1	1	2/2/2008	2/2/2008	\$1,518
44	3/23/1963		OUT	1	1	2/6/2008	2/6/2008	\$886
44	3/23/1963		OUT	1	1	2/10/2008	2/10/2008	\$1,429
45	3/23/1963		OUT	1	1	4/13/2008	4/13/2008	\$5,831
45	3/23/1963		OUT	1	1	5/31/2008	5/31/2008	\$1,393
45	3/23/1963		OUT	1	1	6/9/2008	6/9/2008	\$1,239
45	3/23/1963		OUT	1	1	7/17/2008	7/17/2008	\$2,932

Case Study – “Mr 280,” page 3

Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
45	3/23/1963		OUT	1	1	7/20/2008	7/20/2008	\$936
45	3/23/1963		OUT	1	1	7/27/2008	7/27/2008	\$1,516
45	3/23/1963		OUT	1	1	9/1/2008	9/1/2008	\$6,041
45	3/23/1963		OUT	1	1	9/3/2008	9/3/2008	\$360
45	3/23/1963		OUT	1	1	9/6/2008	9/6/2008	\$7,862
45	3/23/1963		OUT	1	1	9/9/2008	9/9/2008	\$753
45	3/23/1963		OUT	1	1	9/11/2008	9/11/2008	\$628
45	3/23/1963		OUT	1	1	9/18/2008	9/18/2008	\$1,385
45	3/23/1963		OUT	1	1	9/21/2008	9/21/2008	\$1,298
45	3/23/1963		OUT	1	1	9/23/2008	9/23/2008	\$1,313
45	3/23/1963		OUT	1	1	9/29/2008	9/29/2008	\$628
45	3/23/1963		OUT	1	1	10/4/2008	10/4/2008	\$722
45	3/23/1963		OUT	1	1	10/6/2008	10/6/2008	\$628
45	3/23/1963		OUT	1	1	10/9/2008	10/9/2008	\$1,298
45	3/23/1963		OUT	1	1	10/13/2008	10/13/2008	\$1,286
45	3/23/1963		OUT	1	1	10/23/2008	10/23/2008	\$628
45	3/23/1963		OUT	1	1	10/26/2008	10/26/2008	\$1,614
45	3/23/1963		OUT	1	1	10/30/2008	10/30/2008	\$1,889
45	3/23/1963		OUT	1	1	11/17/2008	11/17/2008	\$640
45	3/23/1963		OUT	1	1	11/25/2008	11/25/2008	\$1,385

Case Study – “Mr 280,” page 4

Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
45	3/23/1963		OUT	1	1	12/3/2008	12/3/2008	\$628
45	3/23/1963		OUT	1	1	1/7/2009	1/7/2009	\$628
45	3/23/1963		OUT	1	1	3/2/2009	3/2/2009	\$628
46	3/23/1963		OUT	1	1	4/10/2009	4/10/2009	\$1,298
46	3/23/1963		OUT	1	1	5/9/2009	5/9/2009	\$1,298
46	3/23/1963		OUT	1	1	5/21/2009	5/21/2009	\$628
46	3/23/1963		OUT	1	1	5/25/2009	5/25/2009	\$1,310
46	3/23/1963		OUT	1	1	7/7/2009	7/7/2009	\$1,722
46	3/23/1963		OUT	1	1	7/9/2009	7/9/2009	\$3,376
46	3/23/1963		OUT	1	1	7/10/2009	7/10/2009	\$2,477
46	3/23/1963		OUT	1	1	7/11/2009	7/11/2009	\$1,871
46	3/23/1963		OUT	1	1	11/1/2009	11/1/2009	\$1,331
46	3/23/1963		OUT	1	1	11/14/2009	11/14/2009	\$2,634
46	3/23/1963		OUT	1	1	12/7/2009	12/7/2009	\$1,824
46	3/23/1963		OUT	1	1	1/3/2010	1/3/2010	\$644
46	3/23/1963		OUT	1	1	1/19/2010	1/19/2010	\$2,016
46	3/23/1963		OUT	1	1	1/26/2010	1/26/2010	\$3,823
46	3/23/1963		OUT	1	1	3/2/2010	3/2/2010	\$1,409
46	3/23/1963		OUT	1	1	3/17/2010	3/17/2010	\$3,389
47	3/23/1963		OUT	1	1	3/24/2010	3/24/2010	\$644

Case Study – “Mr 280,” page 5

Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
47	3/23/1963		OUT	1	1	3/25/2010	3/25/2010	\$1,331
47	3/23/1963		OUT	1	1	4/1/2010	4/1/2010	\$281
47	3/23/1963		OUT	1	1	4/3/2010	4/3/2010	\$1,418
47	3/23/1963		OUT	1	1	4/4/2010	4/4/2010	\$657
47	3/23/1963		OUT	1	1	4/14/2010	4/14/2010	\$1,405
47	3/23/1963		OUT	1	1	4/20/2010	4/20/2010	\$1,331
47	3/23/1963		OUT	1	1	4/25/2010	4/25/2010	\$2,117
47	3/23/1963		OUT	1	1	4/28/2010	4/28/2010	\$644
47	3/23/1963		OUT	1	1	5/2/2010	5/2/2010	\$1,318
47	3/23/1963		OUT	1	1	5/3/2010	5/3/2010	\$1,324
47	3/23/1963		OUT	1	1	5/7/2010	5/7/2010	\$1,333
47	3/23/1963		OUT	1	1	5/9/2010	5/9/2010	\$1,320
47	3/23/1963		OUT	1	1	5/18/2010	5/18/2010	\$2,542
47	3/23/1963		OUT	1	1	5/21/2010	5/21/2010	\$1,331
47	3/23/1963		OUT	1	1	5/26/2010	5/26/2010	\$1,344
47	3/23/1963		OUT	1	1	6/10/2010	6/10/2010	\$268
47	3/23/1963		OUT	1	1	6/12/2010	6/12/2010	\$1,318
47	3/23/1963		OUT	1	1	6/15/2010	6/15/2010	\$1,344
47	3/23/1963		OUT	1	1	6/22/2010	6/22/2010	\$1,346
47	3/23/1963		OUT	1	1	7/1/2010	7/1/2010	\$1,125

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Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
47	3/23/1963		OUT	1	1	7/2/2010	7/2/2010	\$1,474
47	3/23/1963		OUT	1	1	7/8/2010	7/8/2010	\$732
47	3/23/1963		OUT	1	1	7/14/2010	7/14/2010	\$1,561
47	3/23/1963		OUT	1	1	7/28/2010	7/28/2010	\$2,381
47	3/23/1963		OUT	1	1	7/29/2010	7/29/2010	\$732
47	3/23/1963		OUT	1	1	8/4/2010	8/4/2010	\$1,450
47	3/23/1963		OUT	1	1	8/7/2010	8/7/2010	\$708
47	3/23/1963		OUT	1	1	8/27/2010	8/27/2010	\$1,474
47	3/23/1963		OUT	1	1	9/13/2010	9/13/2010	\$1,474
47	3/23/1963		OUT	1	1	9/18/2010	9/18/2010	\$1,450
47	3/23/1963		OUT	1	1	10/5/2010	10/5/2010	\$1,478
47	3/23/1963		OUT	1	1	10/12/2010	10/12/2010	\$542
47	3/23/1963		OUT	1	1	10/21/2010	10/21/2010	\$1,474
47	3/23/1963		OUT	1	1	10/23/2010	10/23/2010	\$1,808
47	3/23/1963		OUT	1	1	11/15/2010	11/15/2010	\$1,474
47	3/23/1963		OUT	1	1	12/24/2010	12/24/2010	\$3,506
47	3/23/1963		OUT	1	1	12/25/2010	12/25/2010	\$481
47	3/23/1963		OUT	1	1	12/27/2010	12/27/2010	\$483
47	3/23/1963		OUT	1	1	1/5/2011	1/5/2011	\$708
47	3/23/1963		OUT	1	1	1/12/2011	1/12/2011	\$1,474

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Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
47	3/23/1963		OUT	1	1	1/15/2011	1/15/2011	\$1,474
47	3/23/1963		OUT	1	1	1/18/2011	1/18/2011	\$1,053
47	3/23/1963		OUT	1	1	1/20/2011	1/20/2011	\$819
47	3/23/1963		OUT	1	1	2/4/2011	2/4/2011	\$295
47	3/23/1963		OUT	1	1	2/14/2011	2/14/2011	\$1,934
47	3/23/1963		OUT	1	1	2/17/2011	2/17/2011	\$319
47	3/23/1963		OUT	1	1	2/21/2011	2/21/2011	\$732
47	3/23/1963		OUT	1	1	2/26/2011	2/26/2011	\$732
47	3/23/1963		OUT	1	1	2/26/2011	2/26/2011	\$5,271
47	3/23/1963		OUT	1	1	2/27/2011	2/27/2011	\$1,450
47	3/23/1963		OUT	1	1	3/8/2011	3/8/2011	\$774
47	3/23/1963		OUT	1	1	3/10/2011	3/10/2011	\$1,561
47	3/23/1963		OUT	1	1	3/10/2011	3/10/2011	\$1,450
47	3/23/1963		OUT	1	1	3/13/2011	3/13/2011	\$2,166
47	3/23/1963		OUT	1	1	3/19/2011	3/19/2011	\$1,648
48	3/23/1963		OUT	1	1	4/14/2011	4/14/2011	\$4,422
48	3/23/1963		OUT	1	1	4/16/2011	4/16/2011	\$3,370
48	3/23/1963		OUT	1	1	5/21/2011	5/21/2011	\$732
48	3/23/1963		OUT	1	1	6/10/2011	6/10/2011	\$3,796
48	3/23/1963		OUT	1	1	6/11/2011	6/11/2011	\$4,118

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Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
48	3/23/1963		OUT	1	1	6/15/2011	6/15/2011	\$1,517
48	3/23/1963		OUT	1	1	6/16/2011	6/16/2011	\$1,476
48	3/23/1963		OUT	1	1	7/1/2011	7/1/2011	\$1,559
48	3/23/1963		OUT	1	1	7/2/2011	7/2/2011	\$747
48	3/23/1963		OUT	1	1	7/4/2011	7/4/2011	\$1,550
48	3/23/1963		OUT	1	1	7/5/2011	7/5/2011	\$1,226
48	3/23/1963		OUT	1	1	7/10/2011	7/10/2011	\$771
48	3/23/1963		OUT	1	1	7/15/2011	7/15/2011	\$338
48	3/23/1963		OUT	1	1	7/26/2011	7/26/2011	\$767
48	3/23/1963		OUT	1	1	7/27/2011	7/27/2011	\$1,637
48	3/23/1963		OUT	1	1	7/28/2011	7/28/2011	\$1,546
48	3/23/1963		OUT	1	1	8/11/2011	8/11/2011	\$3,437
48	3/23/1963		OUT	1	1	8/14/2011	8/14/2011	\$1,633
48	3/23/1963		OUT	1	1	8/28/2011	8/28/2011	\$3,330
48	3/23/1963		OUT	1	1	8/30/2011	8/30/2011	\$2,085
48	3/23/1963		OUT	1	1	9/2/2011	9/2/2011	\$1,558
48	3/23/1963		OUT	1	1	9/4/2011	9/4/2011	\$8,677
48	3/23/1963		OUT	1	1	9/18/2011	9/18/2011	\$3,294
48	3/23/1963		OUT	1	1	9/24/2011	9/24/2011	\$767
48	3/23/1963		OUT	1	1	9/24/2011	9/24/2011	\$6,891

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Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
48	3/23/1963		OUT	1	1	10/8/2011	10/8/2011	\$3,923
48	3/23/1963		OUT	1	1	10/18/2011	10/18/2011	\$322
48	3/23/1963		OUT	1	1	10/28/2011	10/28/2011	\$2,073
48	3/23/1963		OUT	1	1	10/28/2011	10/28/2011	\$1,868
48	3/23/1963		OUT	1	1	11/3/2011	11/3/2011	\$1,546
48	3/23/1963		OUT	1	1	11/10/2011	11/10/2011	\$1,546
48	3/23/1963		OUT	1	1	11/11/2011	11/11/2011	\$3,321
48	3/23/1963		OUT	1	1	11/25/2011	11/25/2011	\$1,550
48	3/23/1963		OUT	1	1	11/28/2011	11/28/2011	\$755
48	3/23/1963		OUT	1	1	12/5/2011	12/5/2011	\$4,395
48	3/23/1963		OUT	1	1	12/6/2011	12/6/2011	\$1,546
48	3/23/1963		OUT	1	1	12/9/2011	12/9/2011	\$1,546
48	3/23/1963		OUT	1	1	12/16/2011	12/16/2011	\$743
48	3/23/1963		OUT	1	1	2/5/2012	2/5/2012	\$11,735
49	3/23/1963		OUT	1	1	6/11/2012	6/11/2012	\$2,474
49	3/23/1963		OUT	1	1	6/12/2012	6/12/2012	\$767
49	3/23/1963		OUT	1	1	6/15/2012	6/15/2012	\$767
49	3/23/1963		OUT	1	1	6/18/2012	6/18/2012	\$310
49	3/23/1963		OUT	1	1	6/21/2012	6/21/2012	\$1,880
49	3/23/1963		OUT	1	1	7/4/2012	7/4/2012	\$6,783

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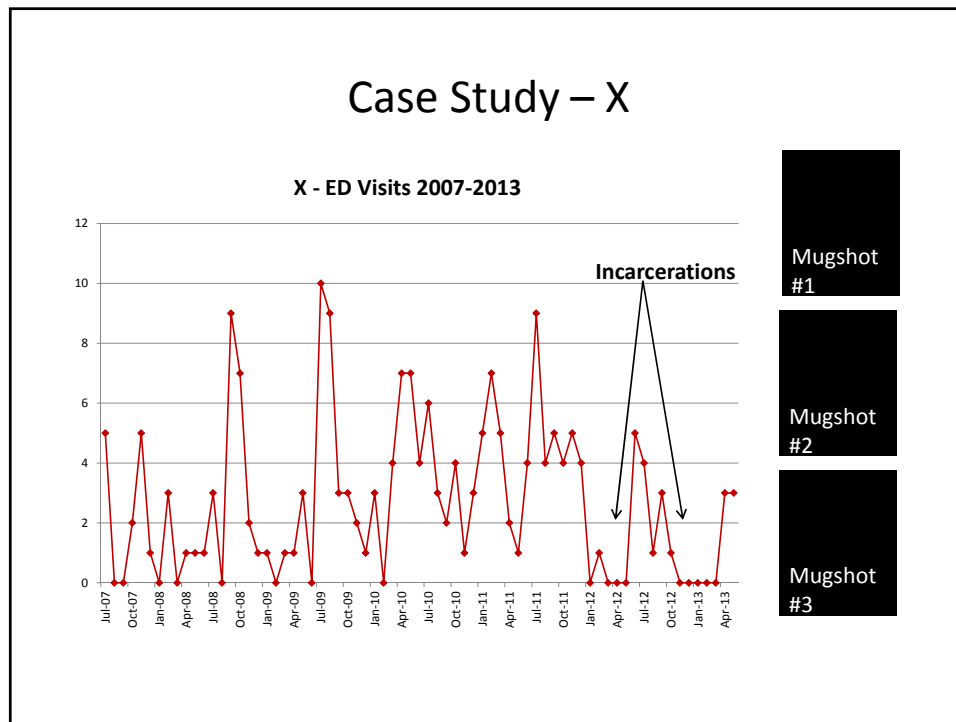
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Pt Age	Date of Birth	MR#	Pt Type	ED Cases	Cases	Admit Date	Discharge Date	Charges
49	3/23/1963		OUT	1	1	7/5/2012	7/5/2012	\$481
49	3/23/1963		OUT	1	1	7/7/2012	7/7/2012	\$1,546
49	3/23/1963		OUT	1	1	7/30/2012	7/30/2012	\$1,546
49	3/23/1963		OUT	1	1	8/4/2012	8/4/2012	\$1,546
49	3/23/1963		OUT	1	1	9/11/2012	9/11/2012	\$1,546
49	3/23/1963		OUT	1	1	9/20/2012	9/20/2012	\$1,550
49	3/23/1963		OUT	1	1	9/23/2012	9/23/2012	\$767
49	3/23/1963		OUT	1	1	10/22/2012	10/22/2012	\$771
50	3/23/1963		OUT	1	1	6/19/2013	6/19/2013	\$1,530
50	3/23/1963		OUT	1	1	6/22/2013	6/22/2013	\$2,180
50	3/23/1963		OUT	1	1	6/30/2013	6/30/2013	\$1,522

Totals...

- 192 Visits to the ED since July 2007 – no IP admits
- Total account charges of \$358,417

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Case Study – “Mr. 280”

- **Since June 2013:**
 - 2 ED visits – both appropriate
 - Zero hospital admits
 - Stably housed in PSH
 - Receiving care in Traumatic Brain Injury Clinic at Barrow Neurological Institute
 - Got food-handler’s card, employed part-time at local restaurant



Challenges on the Ground

- Funding and ownership of health navigation responsibility
- Prioritizing housing supports in terms of medical needs
- Developing new and efficient models for delivering primary and mental health care in SH,
- Importance of immediate placement – SH and bridge housing
- Clients may be too ill for direct placement in SH



Recommendations for Policy Makers

- Housing is Healthcare (FUSE Demonstration) –
Increase availability of housing vouchers (rental subsidies) targeted to chronically homeless, medically vulnerable and frequent users of emergency services (target population)
- Encourage/incentivise states to cover a comprehensive array of services in housing to the targeted population. In other words...
Medicaid alone can't do it. We need the collaboration of all the safety net funding streams (Medicaid plus HRSA, SAMHSA, HUD) to effectively provide care for this population. With wraparound services, housing and primary health care, good outcomes are possible.

