



Care that Fits In Practice The ICAN Discussion Aid and Evolution of Practice

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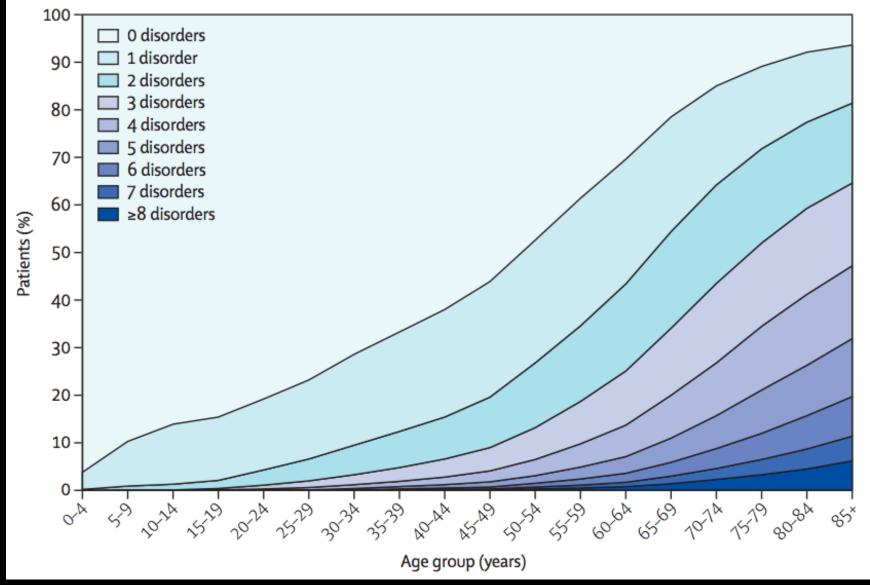




ICAN Development

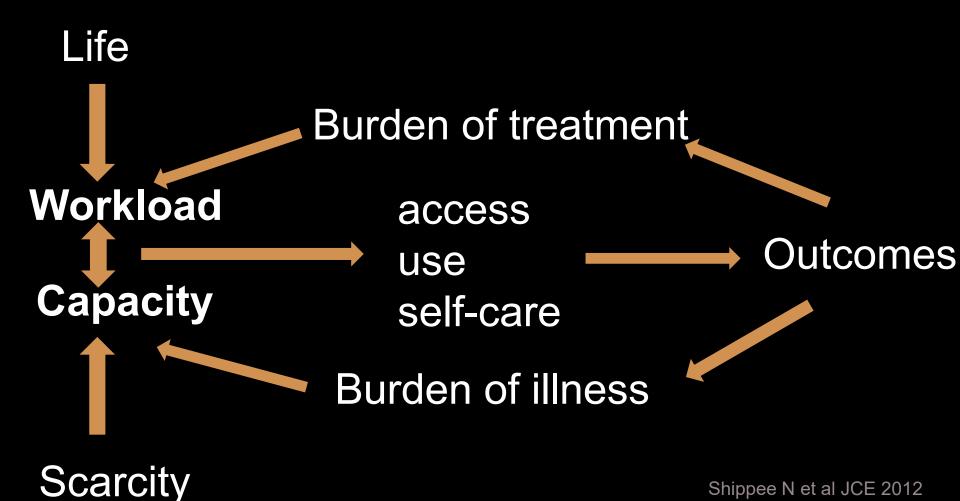






Barnett et al. Lancet 2012





The work of being a patient



Sense-making work



Organizing work and enrolling others



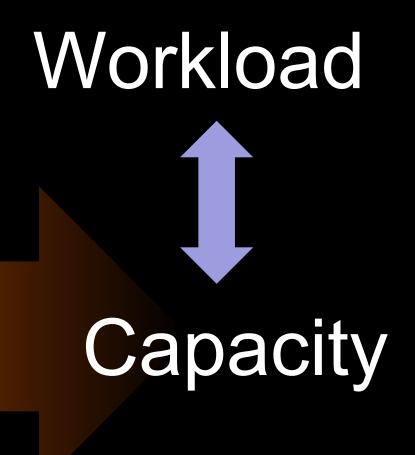
Doing the work

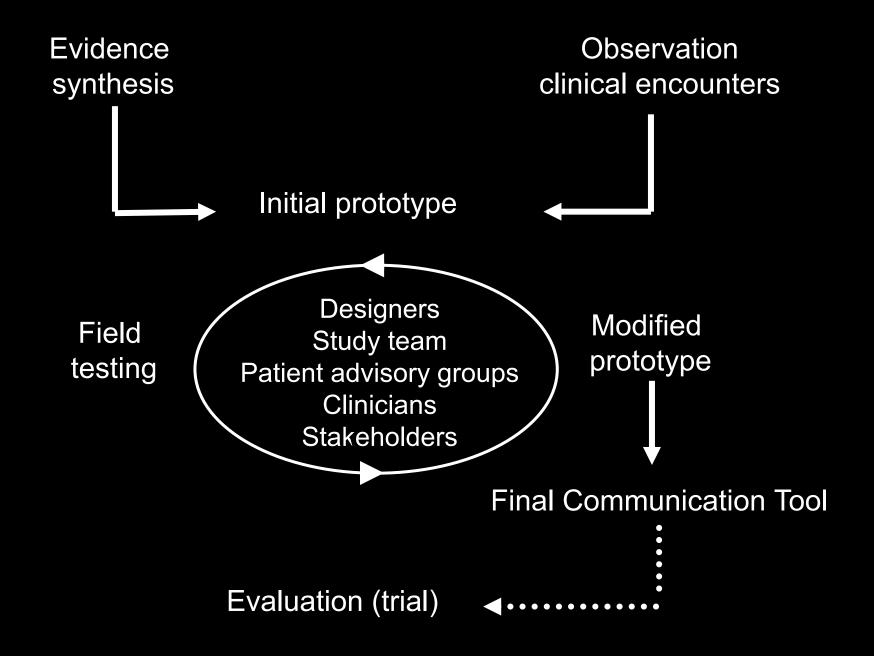


Reflection, monitoring, appraisal

Gallacher et al. Annals Fam Med 2012

Biography
Resources
Environment
Work
Social







WRONG

RIGHT

astrument. 8 the degree resound |ri'zauna | rtir, from re- 'again' + s - ORIGIN IVI ohic or television imag adj. formal or archaic 'cide or dispel some dy) take a solution to heal or of discord) to booming, or echoing f fame, success, much talked of. > [as ding emphatic; takable: a resounding s n. > (of a l of harmonic - DERIVATIVES resounding , suggested ote. 3 Musice a subject or - ORIGIN ME: from REething is te elements or resoner or L. resonare 'so Su. resourc dysis in ry separate into resource |ri'so:s, ri'zo:s an action n). > chile mething seen at es. > (reso or supply of materials o adopted in adverse circ that sustai differer when seen more sonal attributes and came aid. .v. photogr uipment) separtween (c) ljacent objects). verse circumstances. alyse (a force in a graph or sourse, fem. I rticular direcocity) into com-'e 'rise again, resources. DERIVATIVES reso formal resolu n. 1 firm deability a resolved legislative the ability t ORIGIN C17: from culties. as n.) of OFr resou colved 32233



PATIENT HEALTH QUESTIONNAIRE (PHQ-9)

NAME:		DATE:		
Over the last 2 weeks, how often have you been bothered by any of the following problems? (use "<" to indicate your answer)	Her a sh	Several Ests	May be ber	Hearty every few
Little interest or pleasure in doing things	0	1	2	3
2. Feeling down, depressed, or hopeless	0	1	2	3
 Trouble falling or staying asleep, or sleeping too much 	0	1	2	3
4. Feeling tired or having little energy	0	1	2	3
5. Poor appetite or overeating	0	1	2	3
 Feeling bad about yourself—or that you are a failure or have let yourself or your family down 	0	1	2	3



SOCIAL

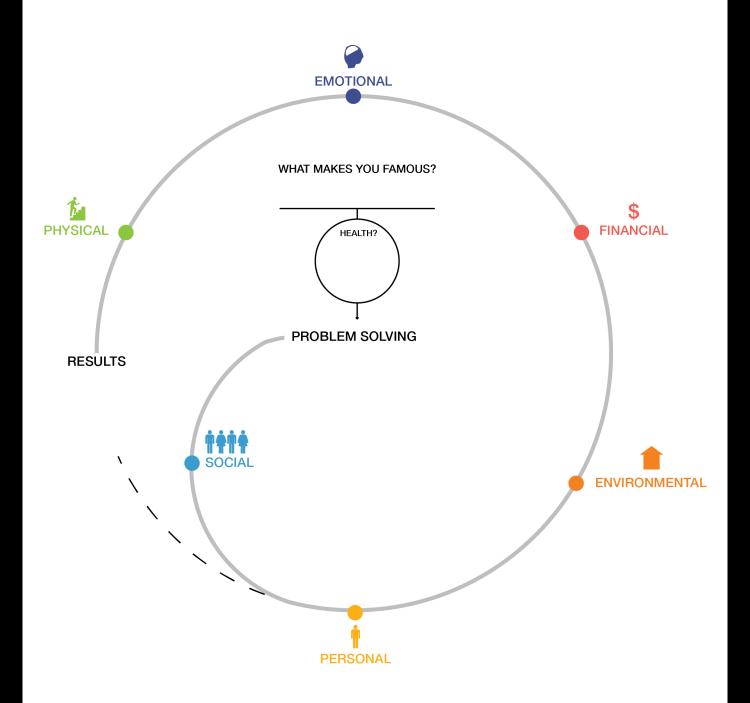
PHYSICAL

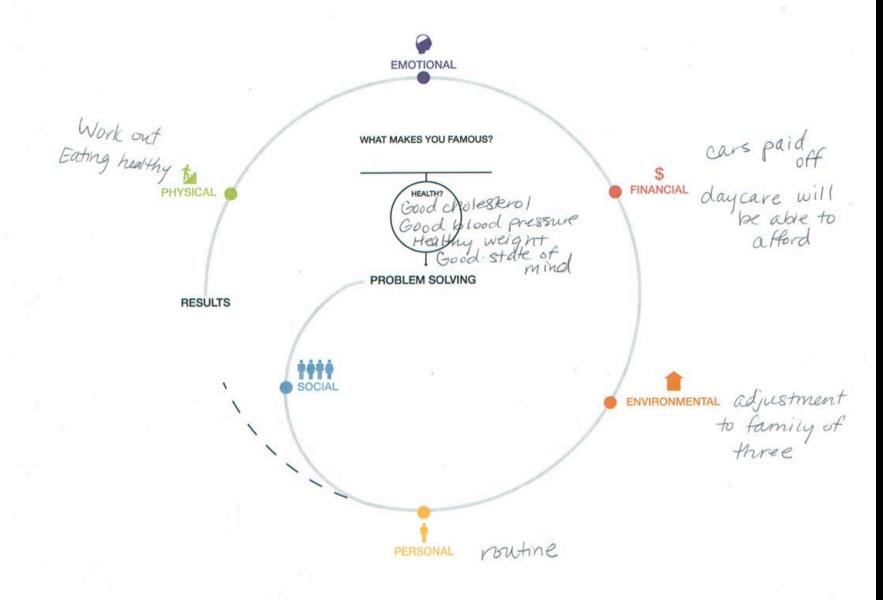
PERSONAL

	P PP
?	FAMILY?
FRIENDS?	?
?	PEOPLE WHO CAN HELP?

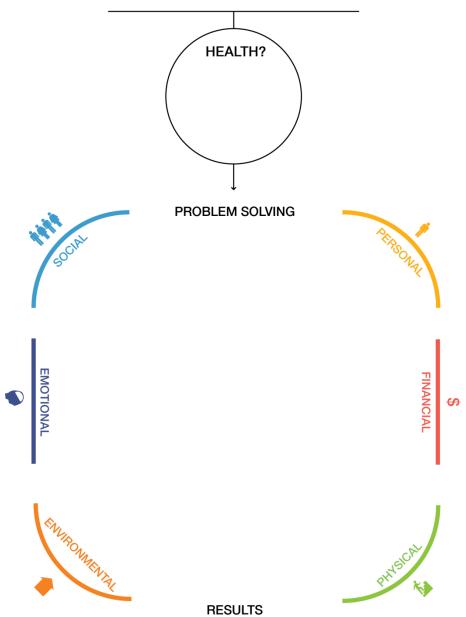
	<u></u>
PAIN?	?
TIREDNESS?	?
?	GETTING THINGS DONE?

	Ť
?	HOBBIES?
OVERWHELMED?	?
?	HOPEFUL?





WHAT MAKES YOU FAMOUS?



WHAT MAKES YOU FAMOUS? P014 Being a mon and wife Standing for HEALTH? Autonomic dystunction prolonged Ly tired, Vigntheaded "normal" of time difficult can't day to day activities Hides from situations not well known PROBLEM SOLVING weight Have to pretend a Hener Shaky being ok/well activities with for children Son Headaches improved Fatique so with annoying o better in surance (ACCESS exercise Household activities

RESULTS



	I'm concerned about	Does this have costs or consequences?	Are there are obstacles to addressing this?
My Energy Level			
Having Time			
Family Demands			
Finances			
How I'm Feeling			
My Home or Neighborhood			
Pain or Rest			
Getting Around			
Stigma			
Healthcare	A Diabetes	Kidneys can fail (stories in past)	eating to eter
My Social Life			
Eating Well			
Understanding my Situation			

notionalLife

Family and Friends

Comfort and Rest

Sinances .

Meaning and Belonging

Home and Neighborhood

Areas in your Life

I Experience Burden

Being Active

Relaxation & Fun

I Experience Satisfaction

, lealth care

4014



Family and Friends

Work NA

Comfort and Rest

Home and Neighborhood

Finances

Emotional Life

Being Active

Healthcare

Free time, Relaxation, Fun

Meaning and Belonging

Eating Well

X090

Family and Friends

Comfort and Rest

A Inances

Meaning and Belonging

EmotionalLife

Medical

Problems Healthcare

chronic acute tests
concerns procedures

40,

Home and Neighborhood

I Experience Burden

Being Active

Relaxation & Fun

I Experience Satisfaction

Healthcare

Are these areas of your life a source of satisfaction, burden, or both?

Family and Friends Work Comfort and Rest Home and Neighborhood Finances **Emotional Life** Being Active

My Senses and Memory

Free time, Relaxation, Fun 🗸 .

Meaning and Belonging ✓

Eating Well

Are the things that we're doing a help, a burden, or both?

Zoloft Trazadone Suggested Stop of marajana

Comments

Are these areas of your life a source of satisfaction, burden, or both?



What are the things that your doctors or clinic have asked you to do to care for your health?

For example:

Come in for appointments

Take aspirin

Do you feel that they are a help, a burden, or both?

Track carb intake	A help O
Chet rest	00
Eat 6 meats a day	00
	00
	00
And of screen deviction come (supplied and an extra contract and other contract and supplied and	00
	Ø Ø
The Manual Control of the Control of	$\bigcirc\bigcirc\bigcirc$
The second secon	nand course

Comments

What are you doing to manage your stress?



Where do you find the most joy in your life?

What else is on your mind today?

My Life My Healthcare

How does your healthcare fit with your life?



http://www.mayo.edu/research/labs/knowledge-evaluation-research-unit/programs Minimally Disruptive Medicine

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This discussion aid will help you and your clinician talk about how your healthcare fits with your life.

Are these areas of your life a source of satisfaction, burden, or both?

Leave blank if not part of your life	Satisfaction	Burden
My family and friends		
My work or finances		
Free time, relaxation, fun		
Spirituality or life purpose		
Where I live		
Getting out and transportation		
Being active		
Social media, TV or screen watching		
My emotional life		
My memory or attention		
The food I eat		

What are the things that your doctors or clinic have asked you to do to care for your health?

Do you feel that they are a help, a burden, or both?

Leave blank if not part of your life	Help	Burden
Take medications		
Monitor symptoms		
Manage my diet and exercise		
Get enough sleep		
Come in for appointments or labs	1	
Reduce alcohol use, smoking, etc.		
Insurance or support services		
Manage stress		
Write in any others		









ICAN in Real-World Clinical Practice





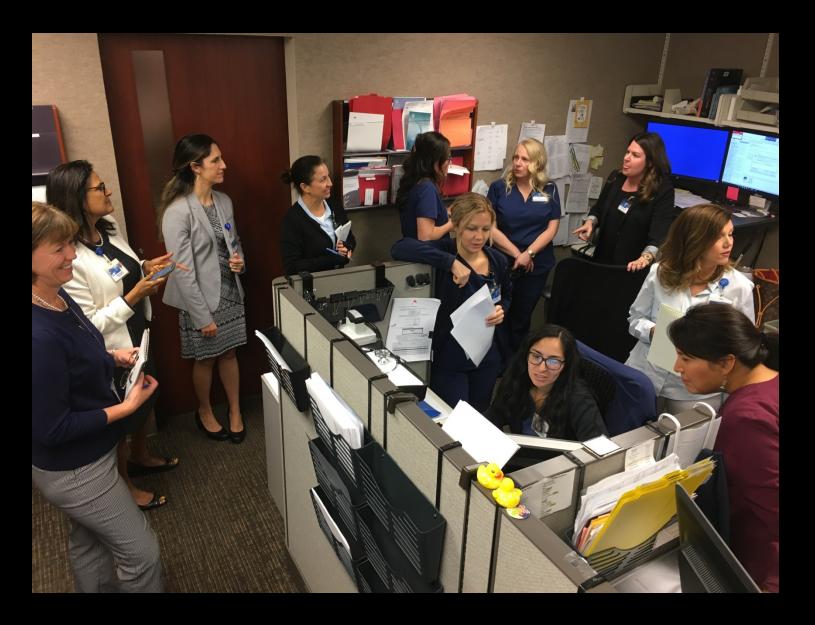


Mayo Clinic Arizona Family Medicine

- 4 clinics
- Thunderbird Clinic
- Our TEAM: 3 physicians, 2 NP's, 5 LPN's/MA's, 1 team RN, 1 RN care coordinator, 1 IBH specialist, panel manager (0.3 FTE) and MTM pharmacist (0.4 FTE), psychiatrist (.4 FTE).
- We look after 5K patients



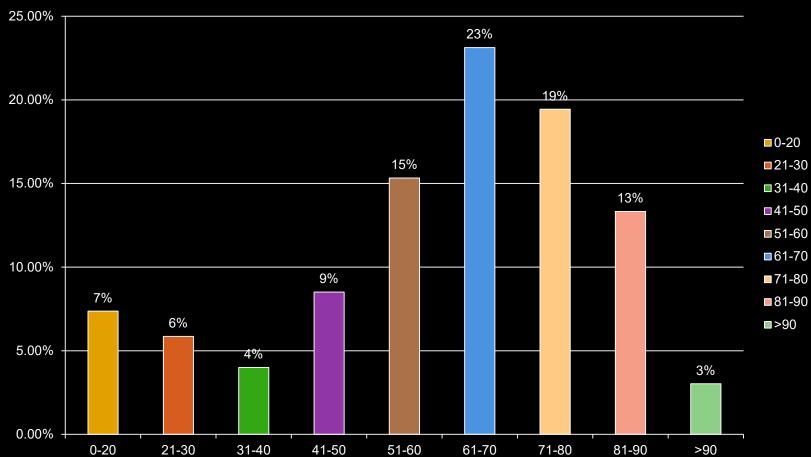








Thunderbird Paneled Patients by Age Range (%)







Frank June 2018

Are these areas of your life a source of satisfaction, burden, or both?

		(0)	(2)
Leave blank if not part of your life	Satis	sfaction	Burden
My family and friends		THE CHANGE	
My work or finances		4	
Free time, relaxation, fun		16	
Spirituality or life purpose		Ø	
Where I live		炉	
Getting out and transportation		Ø	
Being active		Ø	
Social media, TV or screen watching		\$	
My emotional life		四	
My memory or attention			K
The food I eat		内	

What are the things that your doctors or clinic have asked you to do to care for your health?

Do you feel that they are a help, a burden, or both?

Leave blank if not part of your life	Help	Burden
Take medications	R	
Monitor symptoms		
Manage my diet and exercise	K	
Get enough sleep		
Come in for appointments or labs	K	
Reduce alcohol use, smoking, etc.	P	
Insurance or support services		
Manage stress		
Write in any others		



Frank June 2018

What are you doing to manage your stress?

Dienk Coffee Birds

Where do you find the most joy in your life?

Church, mayo

What else is on your mind today?

getting some Safety Calling friends



Frank Oct 2018

Are these areas of your life a source of satisfaction, burden, or both?

Leave blank if not part of your life S	etisfaction	g Burden
My family and friends		X
My work or finances		×
Free time, relaxation, fun		Ø
Spirituality or life purpose	0)	
Where I live		×
Getting out and transportation		×
Being active		Ø
Social media, TV or screen watching		
My emotional life		×
My memory or attention	风	
The food I eat		DX

What are the things that your doctors or clinic have asked you to do to care for your health?

Do you feel that they are a help, a burden, or both?

Leave blank if not part of your life	Help	Burden
Take medications	×	
Monitor symptoms	Ø	
Manage my diet and exercise		Ø
Get enough sleep		P
Come in for appointments or labs	A	
Reduce alcohol use, smoking, etc.		
Insurance or support services		
Manage stress		4
Write in any others		



DICTATED TO (R.E.) LPN

What are you doing to manage your stress?

I GO TO THE BASEMENT AND CRY

Where do you find the most joy in your life?

NOTHING MUCH

What else is on your mind today?

MISS MY WIFE. WISH I WAS

Frank Oct 2018

http://www.mayo.edu/research/labs/knowledge-evaluation-research-unit/ programs Minimally Disruptive Medicine

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Are these areas of your life a source of satisfaction, burden, or both?

Leave blank if not part of your life	Satisfaction	Burden
My family and friends	Ø	
My work or finances	每	
Free time, relaxation, fun	M	
Spirituality or life purpose		
Where I live	124	
Getting out and transportation	Ø	
Being active	KÓ	
Social media, TV or screen watching	Ø	
My emotional life	Ø	
My memory or attention	Ø	
The food I eat	Ø	

What are the things that your doctors or clinic have asked you to do to care for your health?

Do you feel that they are a help, a burden, or both?

Leave blank if not part of your life	Help	Burden
Take medications		Ø
Monitor symptoms	Ø	
Manage my diet and exercise	Ø	
Get enough sleep	M	
Come in for appointments or labs	Ø	
Reduce alcohol use, smoking, etc.	Ø	
Insurance or support services	政	
Manage stress	囟	
Write in any others		



What are you doing to manage your stress?

Exercise Music Massage Chair

Where do you find the most joy in your life?

Playing Tennis Seeing my Children grandchildren & greatgranchildren Having a husbards love

What else is on your mind today?

My heart Problem S

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MCS733-8





Mayo Clinic Arizona Experience

- 2016 ICAN tool: 9% of patients referred for additional services based on answering yes to 3 or more burdens. (77 of 890 patients).
- November 2017 NAPCRG Poster

- Early 2018: Modified tool
- Using as communication and screening
- Depending on preference and style of provider

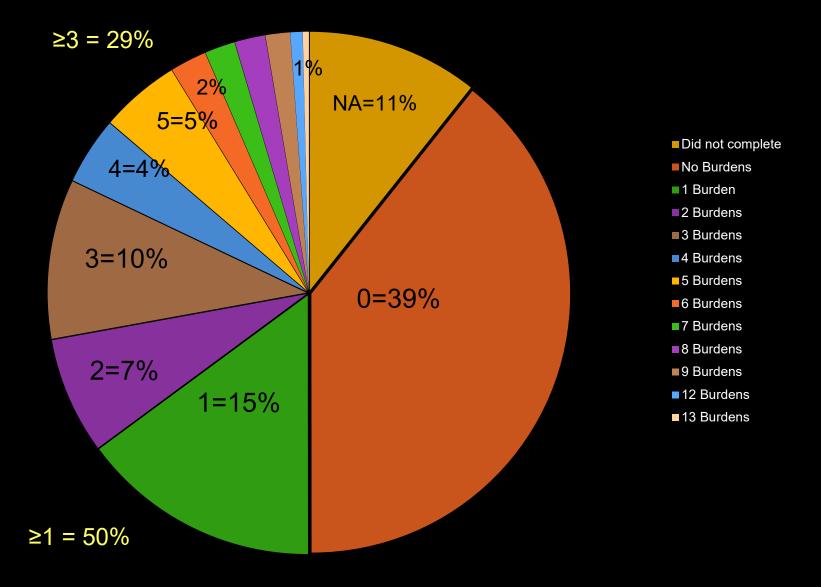




ICAN 2018 to Present

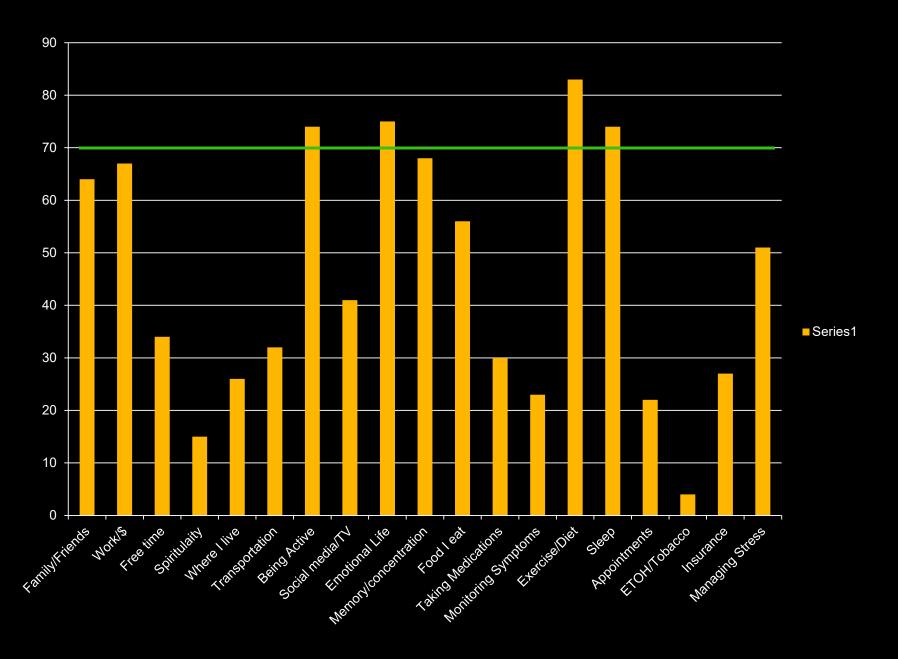
- Sensitivity of picking up patients needing referrals seems to be better
- Data from first 12 months shows approx. 28% of patients admit to 3 or more burdens.
- 49% answered 0 or did not complete
- 23% admitted to 1 or 2 burdens
- Range is 3-13 for patients being referred
- Average is 4.5 for patients being referred
- Approx. 50% of all referrals: IBH
- Remainder split between care coordination, SW, RN HTN, Dietitian, Diabetes Group Visits















A Work in Progress...



How ICAN helped our team develop an innovative approach to managing chronic conditions.





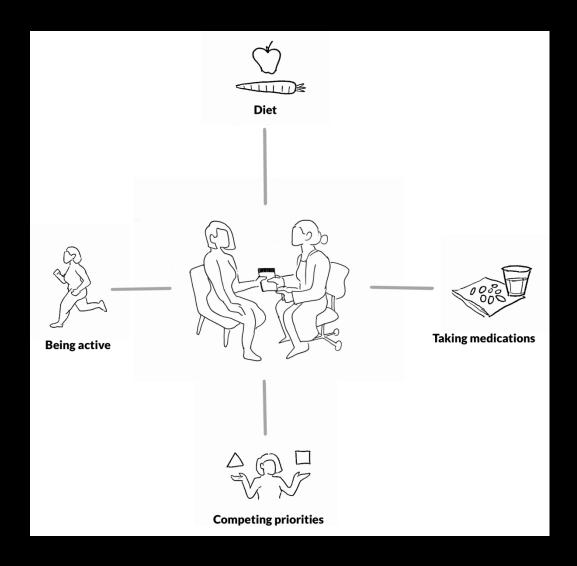
A theme was emerging.

Most common burdens identified by patients in our practice:

- 1. Being Active
- 2. Healthy Diet
- 3. Managing Stress
- 4. Sleep
- 5. Emotional Life







Boehmer et al., BMJ Open 2019





Solutions began to evolve organically









ASSETS

How Do we Measure Success?

Quality Improvement?

SUPPORT

Budget!

Facilities

Stakeholders

Time Frame?

Programs already at Mayo? Programs Elsewhere?

RESEARCH?

Review the Literature

Make it FUN!









Tuesdays 4:00pm to 5:30pm

This is NOT your traditional diabetes class! This is an exciting, innovative and fun program that will help you manage your diabetes more effectively and enhance your overall wellness. Our interdisciplinary team includes a Behavioral Health Specialist, a Family Medicine physician, a nutrition communication specialist, a pharmacist and RN Care Coordinator.

9/10 Anatomy of a Food Label/Nutritional Models (basic nutrition information, reading food labels, strengthening food choice skills; introduction to diet management techniques including carb counting, glycemic index/load, Create your Plate, and Mediterranean Diet) Learn mindfulness techniques to increase motivation and ensure the results you are working towards. Stacey Barnett RN MSN discusses care coordination at it's core-effective communication, collaboration and teamwork. Dr. Martina Mookadam, Family Medicine, Mayo Clinic Thunderbird discusses medical aspects of diabetes and evidence based interventions.

9/17 Mediterranean Diet (in depth look at the benefits of a Mediterranean diet and how to follow the eating style). Understanding how anxiety and depression can alter our decision making process and how to utilize this information to gain success through healthier choices.

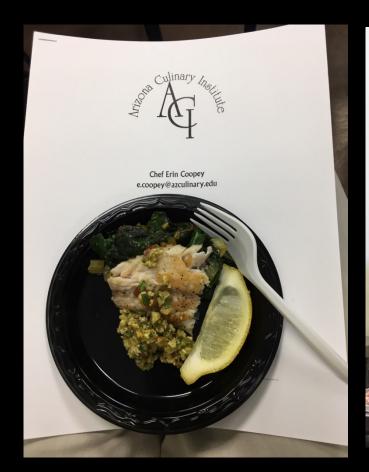
9/24 Mindful Eating (introduction to mindfulness techniques based on books by Drs. Jan Chosen-Bays and Michelle May; includes hunger assessment exercise and























What else?

Group CBT for Insomnia and Anxiety

Expanded services for chronic condition management

Better health for the healthcare team!

Capacity Coaching for our Care Coordinator

Health Coaching Selective for our Medical Students

Research Questions







ALL NEW! ICAN Discussion Aid Toolkit:

http://minimallydisruptivemedicine.org/ican

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