

Practical application of interRAI data in HCSS service planning and delivery from one Provider's perspective

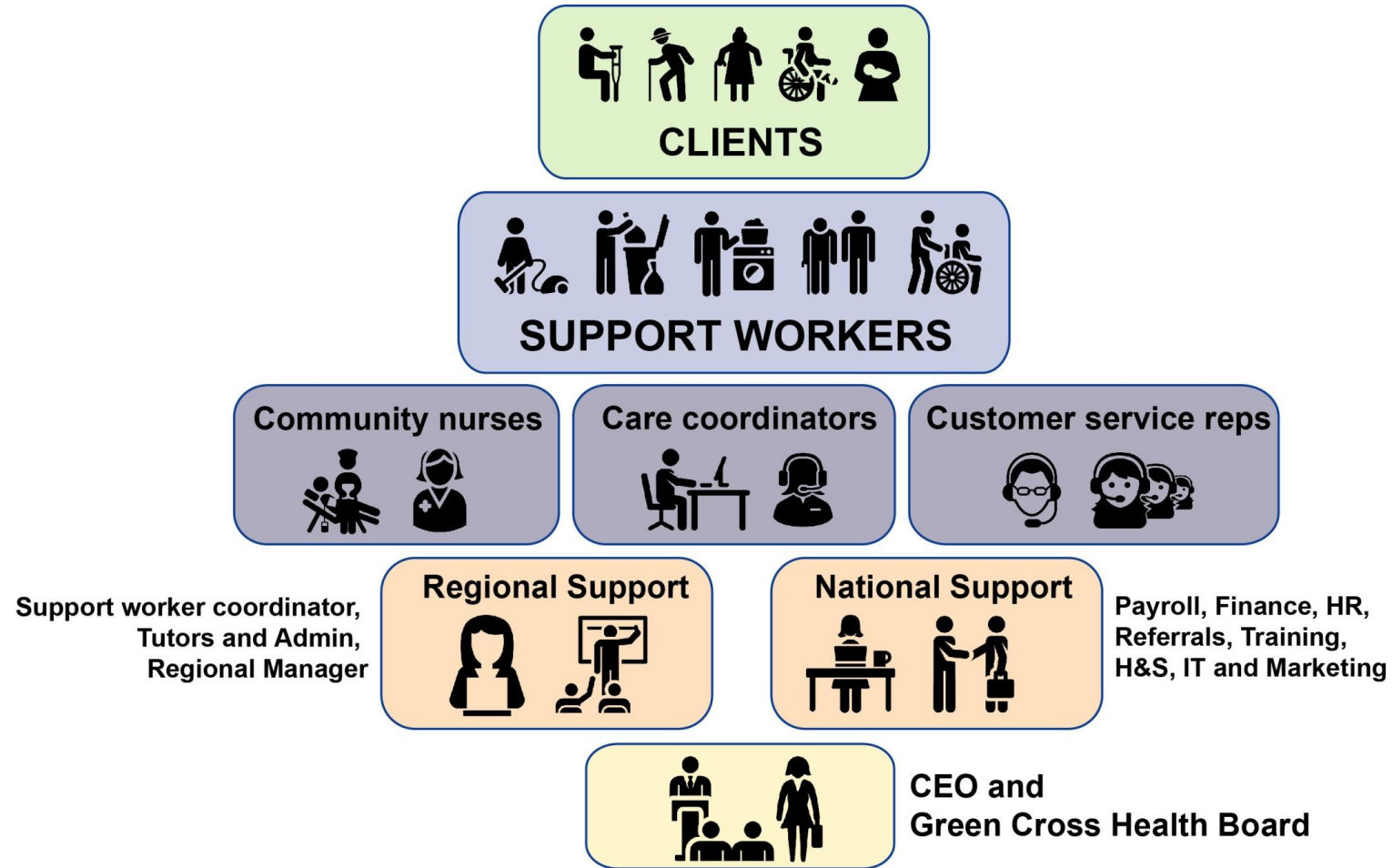
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Summary

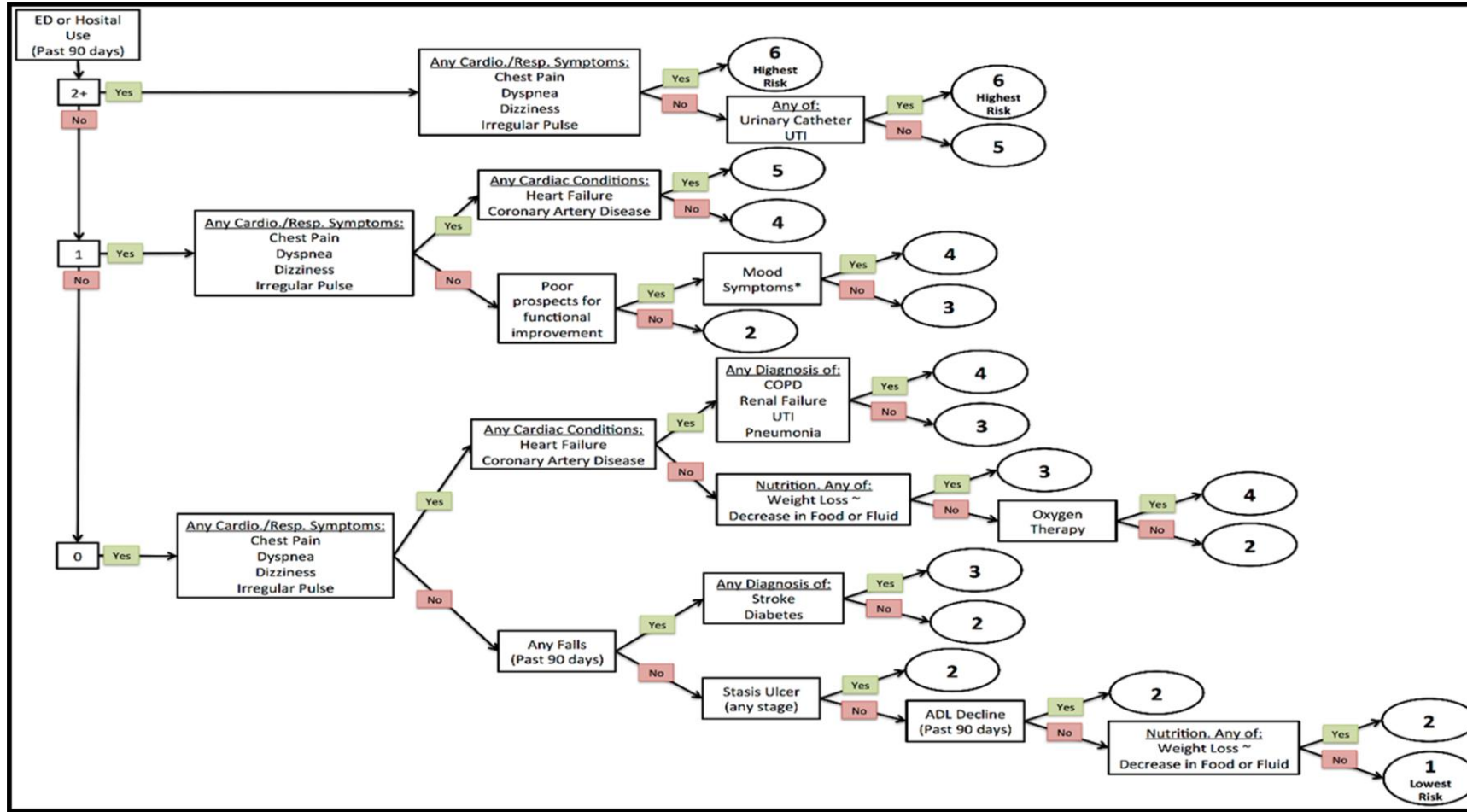
- ▶ Matching client needs with Support Workers competencies
- ▶ What HCSS could be doing if it was in the Service Spec
 - Evidence Based Practice – DIVERT Scale and ED avoidance
- ▶ i-CARE – interRAI Clinical Applications of Research Evidence (Waterloo)

Access Structure

interRAI data Smart rostering, knowing who our Clients and Support Workers are



DIVERT SCALE



DIVERT CARE

Reduced ED admission by 20%. Cost \$4 per day (\$500 over 7 months)
Acknowledgement: Connie Schumacher, McMaster University. DIVERT-CARE Trial (2020)

Nurse led self-management

15 weeks, 4 home visits, 4
follow up phone calls

Focus: Symptom
Recognition and Control

Vaccines – monitoring of
vaccine status, advice on
benefits

Medication Review,
education and support with
administration

Advance Care & Goal
Planning

Client Oriented Care Record

SBAR Communication with
Primary Care Providers

Inter-professional Team
Case Rounds
Weekly to support
changing care needs

Helpline for clients needing
assistance with self –
management and problem
solving

Data

Advance Care Plan, Maori and Pacific, Trade off question, Living alone et al

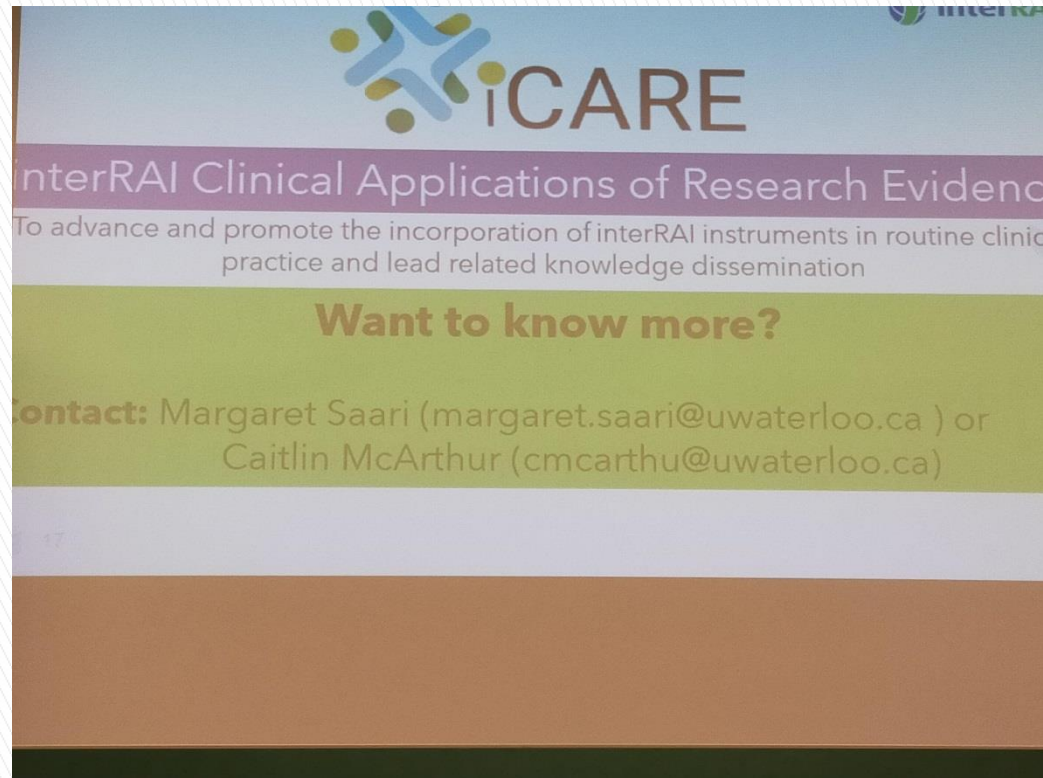
N1f - Influenza Vaccine in LAST YEAR			2019
			CCDHB
DIVERT Scale (1-6)	1 of 6	iN1a. Prevention - Influenza vaccine - 0. No	56
		iN1a. Prevention - Influenza vaccine - 1. Yes	178
	2 of 6	iN1a. Prevention - Influenza vaccine - 0. No	144
		iN1a. Prevention - Influenza vaccine - 1. Yes	407
	3 of 6	iN1a. Prevention - Influenza vaccine - 0. No	84
		iN1a. Prevention - Influenza vaccine - 1. Yes	268
	4 of 6	iN1a. Prevention - Influenza vaccine - 0. No	95
		iN1a. Prevention - Influenza vaccine - 1. Yes	236
	5 of 6	iN1a. Prevention - Influenza vaccine - 0. No	50
		iN1a. Prevention - Influenza vaccine - 1. Yes	162
	6 of 6	iN1a. Prevention - Influenza vaccine - 0. No	28
		iN1a. Prevention - Influenza vaccine - 1. Yes	104

N1h - Pneumovax vaccine in Last 5 Years or after age 65			2019
			CCDHB
DIVERT Scale (1-6)	1 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	231
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	3
	2 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	540
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	11
	3 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	348
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	4
	4 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	313
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	18
	5 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	204
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	8
	6 of 6	iN1b. Prevention - Pneumovaxx vaccine - 0. No	130
		iN1b. Prevention - Pneumovaxx vaccine - 1. Yes	2

Flu Vaccine

Pneumovax

Future Research



- ▶ DIVERT-CARE evaluation methodology
- ▶ Evaluation of other targeted and time bound interventions e.g. addressing carer stress
- ▶ How often to reassess home care clients (Ontario)
- ▶ Equity lens – ethnicity and trade off question

iCARE

Research ideas

References

- ▶ <https://bdg.mcmaster.ca/diverttrial>
- ▶ Costa AP, Schumacher C, Jones A, *et al.* DIVERT–Collaboration Action Research and Evaluation (CARE) Trial Protocol: a multiprovincial pragmatic cluster randomised trial of cardiorespiratory management in home care. *BMJ Open* 2019;9:e030301. doi: 10.1136/bmjopen-2019-030301