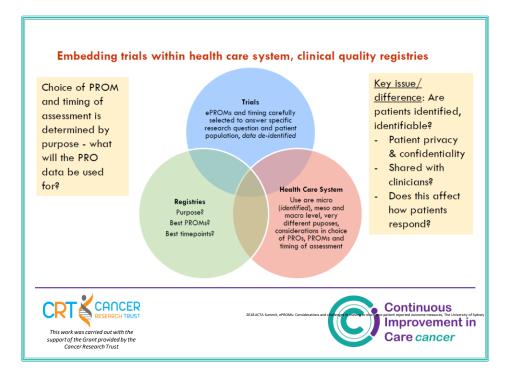
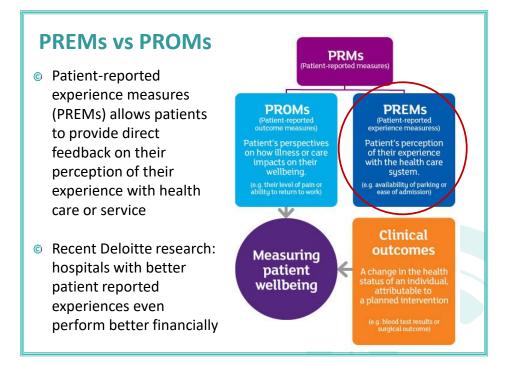
Should PROMs and PREMs be standard in clinical care and available for clinical trials?

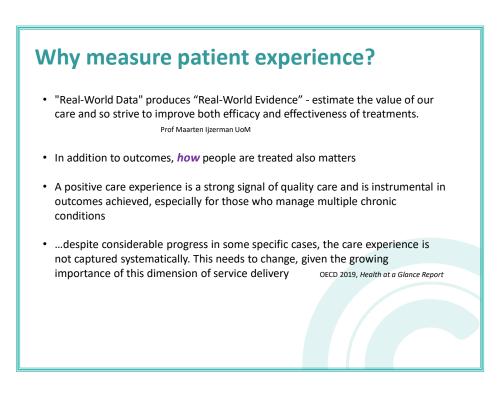
Christobel Saunders Professor Surgical Oncology, The University of Western Australia











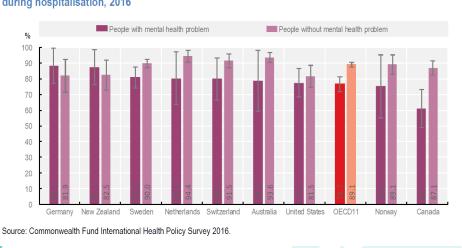
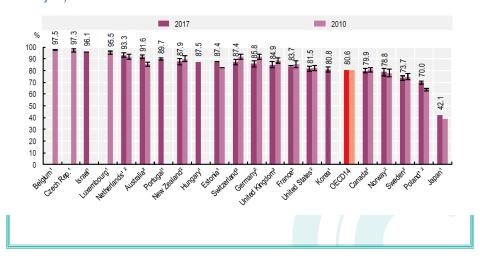
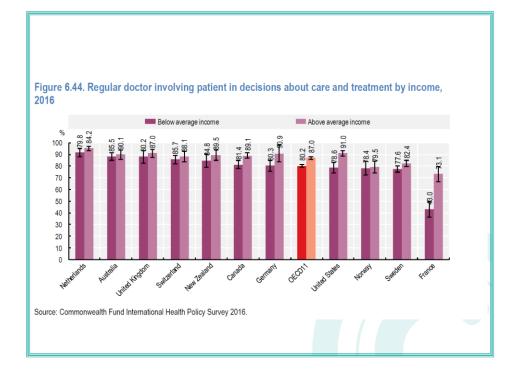


Figure 6.27. Share of people who were treated with courtesy and respect by doctors and nurses during hospitalisation, 2016









*

Swift, accurate and appropriately delivered diagnosis:

When detected outside a screening program:

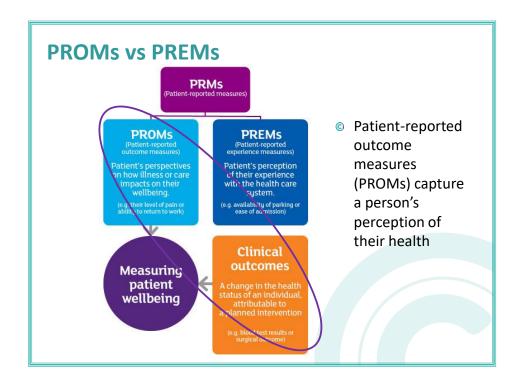
	Overall	Breast cancer	All other tumours	
Cancer was diagnosed as something different – either initially or multiple times	28%	18%	43%	
Diagnosed within three months		91%	69%	
Waited more than six months to be diagnosed with cancer	12%	5%	22%	
	Si	ource: Patient insights on	cancer care. All.Can 20	19

Informatio	on, support and shared decisio 'My cancer nurse was, and still is, support we could have asked for of knowledge and helped us out of the day or night!'	the most amaz . She has a wea	zing Ilth
		Overall	
	Did not feel involved enough in deciding which treatment		
options were best for the Not given enough informa understand) about their c	28%		
Did not receive enough su symptoms and side effect	50%		
phase of their treatment			
Did not receive enough in understand) about the sig	41%		
their cancer might be retu	Irning or getting worse		
	out patient groups, charities and night be able to support them	31%	
	Source: Patient insig	hts on cancer care. All.	Can 2019

	Some initial psychological assistance even if the patient doesn't request it - one doesn't realise one needs it!		ful,
		Overall	
Did not have access to a	specialist cancer nurse, either	30%	
immediately after their (diagnosis or during treatment		
	th professionals was not available when	19%	
they needed it			
Not offered complemen	tary therapies (e.g. massage,	63%	
meditation, acupuncture	e, aromatherapy and/or other non-		
traditional therapies) as	part of their cancer treatment		
Needed some sort of psy	ychological support during/after their	64%	
cancer care			
Of those, psychological s	upport during/after their cancer care was	35%	

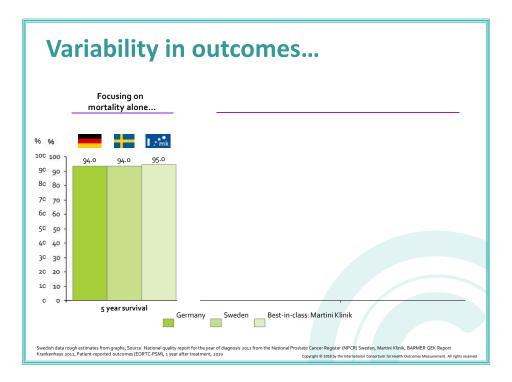
The financial impact of cancer	
	Overall
Experienced out-of-pocket costs	79%
Experienced travel costs	32%
 had to travel for 1–2 hours to attend appointments or receive treatment 	11%
- travel more than 2 hours	7%
 overnight stay because it was too far from home 	9%
Loss of employment	27%
Loss of insurance	8%
Childcare costs	4%
Source: Patient insight	s on cancer care. All.Can 2019

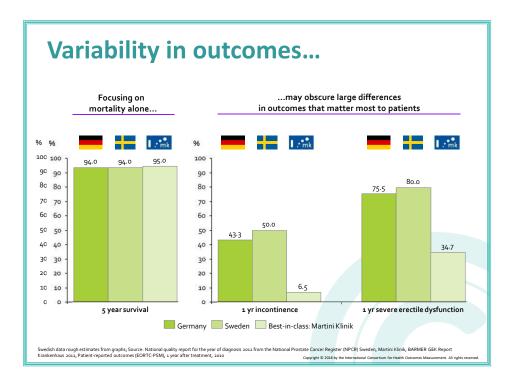


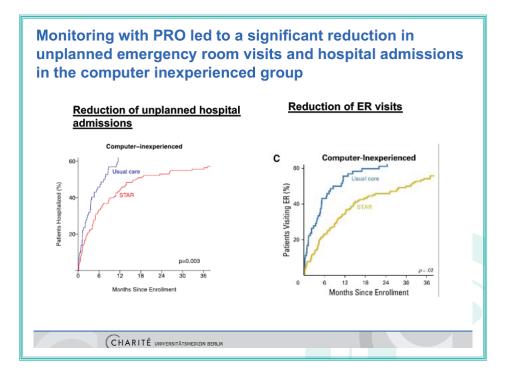


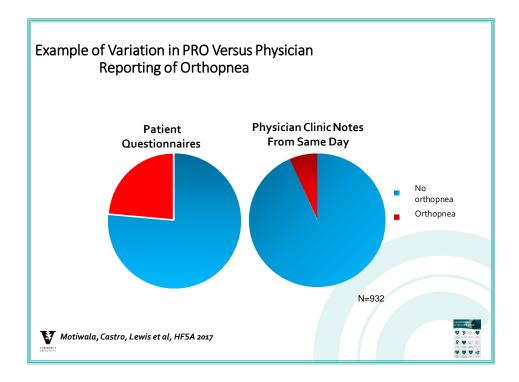
Why do we need to measure PROMs in clinical care?

- 1. To help us in better detecting disease and therapy related symptoms and so improve QoL Basch et al JCO 2016
- 2. To counsel patients better in regard to the long term consequences of treatment
- 3. To facilitate communication and decision making during and after treatment Velikova et al EJC 2010
- 4. To identify "unmet needs" for the individual patient and for subgroups of patients



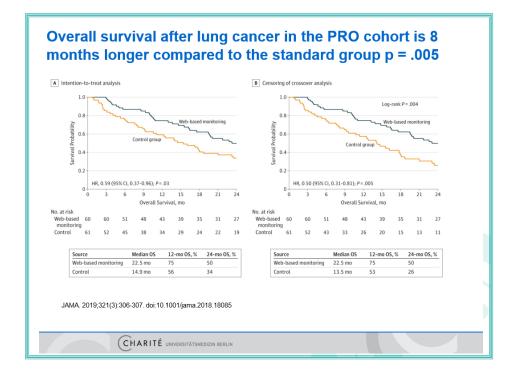


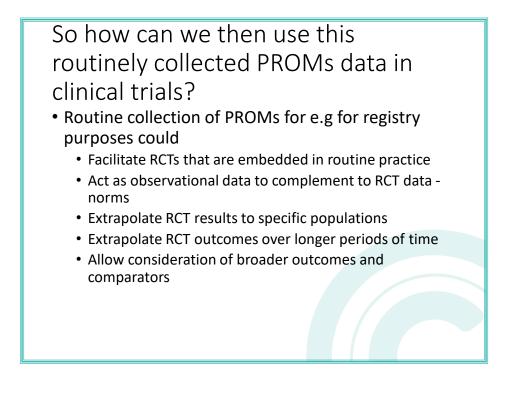


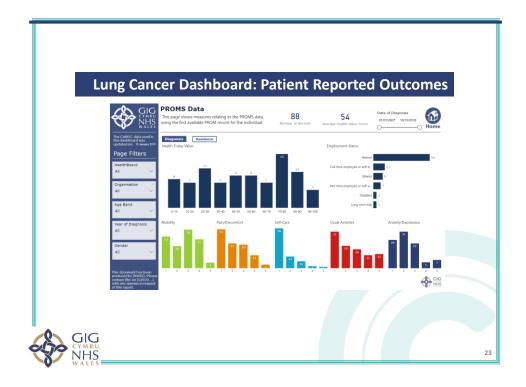


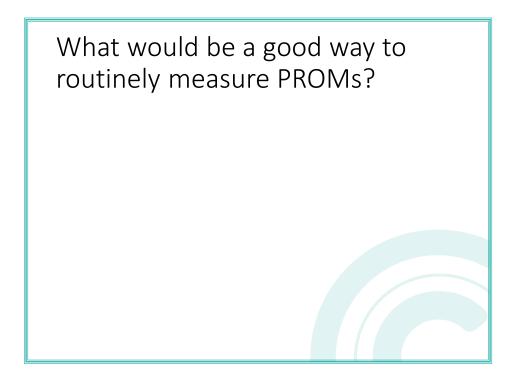
Why do we need to measure PROMs in clinical care?

- 1. To help us in better detecting disease and therapy related symptoms and so improve QoL Basch et al JCO 2016
- 2. To counsel patients better in regard to the long term consequences of cancer treatment
- 3. To facilitate communication and decision making during and after cancer treatment Velikova et al EJC 2010
- 4. To identify "unmet needs" for the individual patient and for subgroups of patients
- 5. Improve mortality and morbidity Denis et al JNCI 2017, Basch et al JAMA 2017





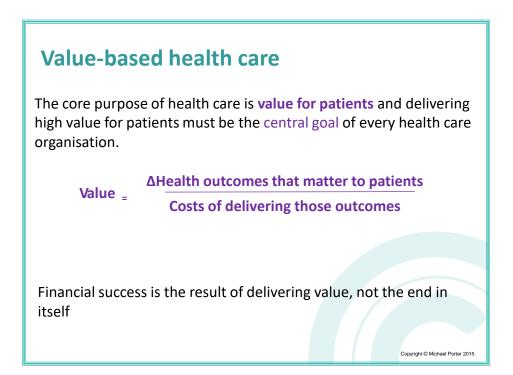




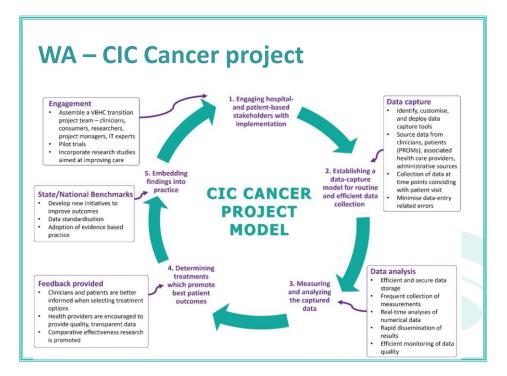


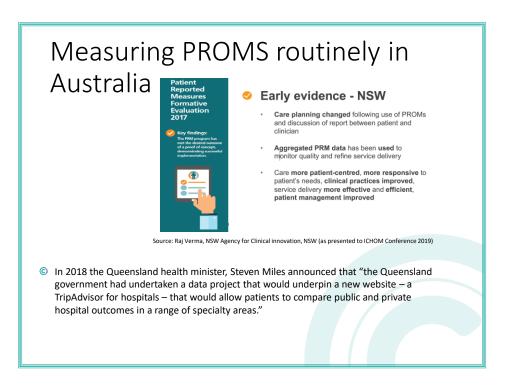
CHOM Stand Case-Mix Variab	dard Set for B	/I data fie Breast Cancer			
Patient Population	Measure	Supporting Information	Timing	Suggested Data	
Demographic Factors				Sources	
Demographic Factors	Gender				
	Date of birth	— N/A		Patient-reported	
	Body mass index	Height and weight	_	Clinical	
All patients	Ethnicity	Determined by country	Baseline	Patient-reported	
	Educational level	Level of schooling completed			
	Relationship status	Relationship status	-		
	Menopausal status	Current menopausal status	_		
Baseline Clinical Fact	ors				
		Modified Self-administered	Baseline,		
	Comorbidities	Comorbidity Questionnaire			
		(SCQ)	after 5 years		
All patients	Laterality	Laterality of breast cancer	_		
	First or new primary	First primary or new primary	Baseline	Clinical	
	tumor	on contralateral or ipsilateral			
Baseline Tumor Facto		breast			
Dasenne rumor Facto		Initial date of histological			
	Date of diagnosis	diagnosis	Baseline		
	Histological type	Histological type of tumor	_ buschine		
		Genetic mutation	Baseline and 1		
All patients	Mutation status	predisposing breast cancer	year		
	Tumor grade	Grade of invasive component			
	(invasive)	of tumor	_	B	
	Tumor grade (DCIS)	Grade of DCIS component of			
	(DCID)	tumor	Convicted Converting	e International Consortium for	

Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources	
Disutility of care					
Patients with surgery/radiotherapy	Reoperation due to positive margins	Reoperation due to positive margins after final surgery	Update at least 6 months after treatment	Clinical and patient- reported	
All patients with treatment	Impact of acute complication	Acute complications will be recorded based on the type of therapy needed or action required to correct the complication as described in the Clavien-Dindo Classification and CTCAE v4.0	Updated at least 6 months, 1 year after treatment when a patient received hormonal	Clinical	
	Type of acute complication	Name of acute complication	therapy		
Degree of Health					
	Overall well-being Physical functioning				
	Emotional functioning				
	Cognitive functioning		Baseline, 6		
	Social functioning	Tracked via EORTC QLQ-C30	months, 1 year		
all seats and	Ability to work	Tracked via EORTC QLQ-C30	post treatment,		
All patients	Anxiety		tracked annually		
	Depression		up to 10 years		
	Financial impact				
	Pain				
	Fatigue			Patient- reported	
	Sexual functioning	Tracked via EORTC QLQ-			
	Body image	BR23			
Patients with	Satisfaction with breast(s)	Tracked via BREAST-Q - Satisfaction with Breasts	Baseline, 1 and 2 year post treatment		
surgery/radiotherapy Arm s	Arm symptoms				
	Breast symptoms	Tracked via EORTC QLQ-	-		
	Vasomotor BR23 Baseline, 6 symptoms months, 1 year				
Patients with Peripheral	Peripheral		post treatment, tracked annually		
systemic therapy	neuropathy	LMC21 - single item			BREAST CANCER
	Vaginal symptoms	Tracked via FACT-ES (single	- up to 10 years		DREASTCANCER
	Arthralgia	items)			Source: ICHC



Collaborate to mprove value CIC Cancer project benchmark on outcomes Benchmark on outcomes Benchmark on outcomes Benchmark on outcomes Collaborate to improve value Develop value-based payment models







Conclusions

- PREMs and PROMs are becoming part of routine health care
- Many registries are extending data collection to include at least PROMs
- Hopefully these will be standardised and electronic
- This will facilitate research and quality improvement

