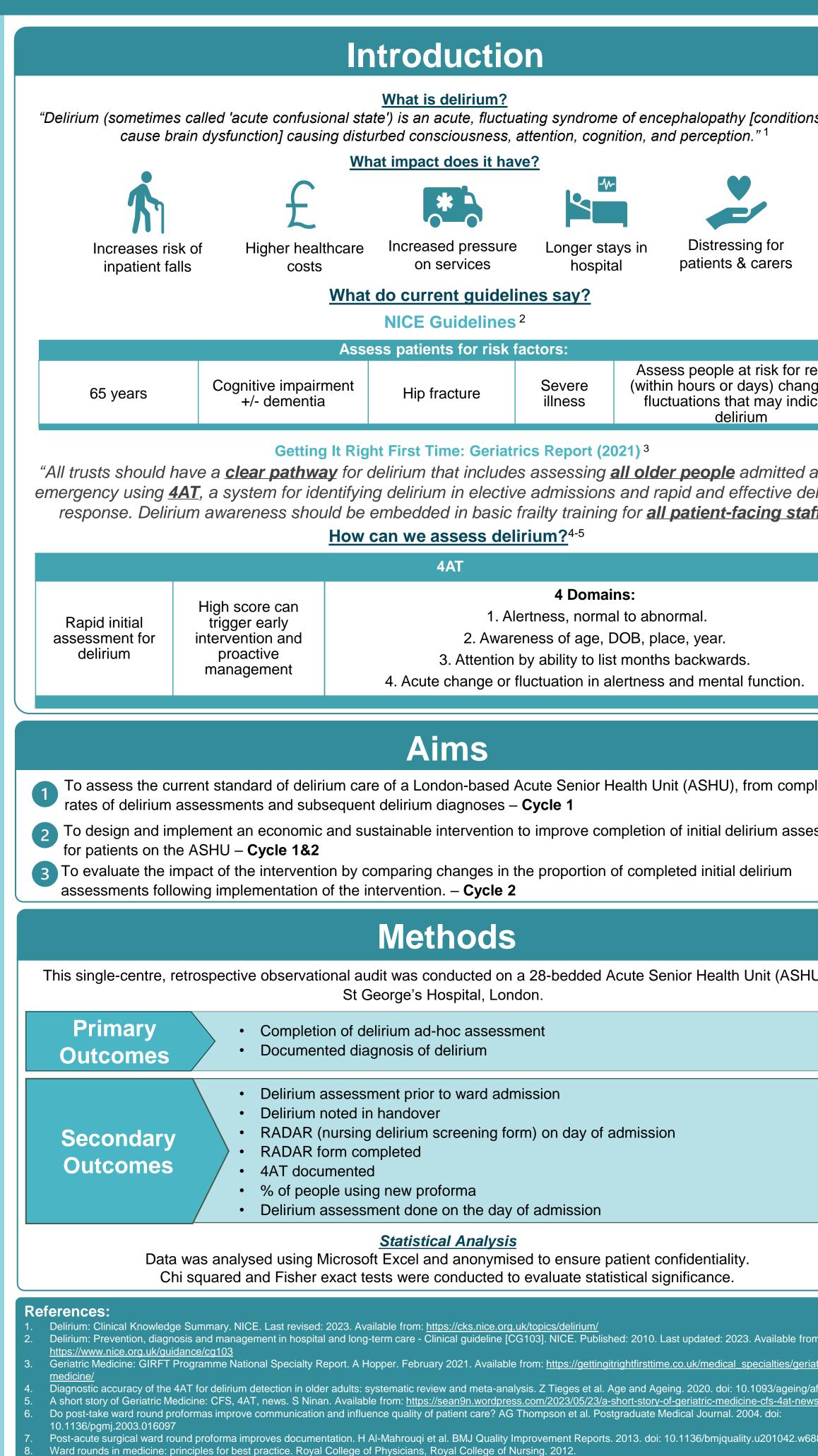
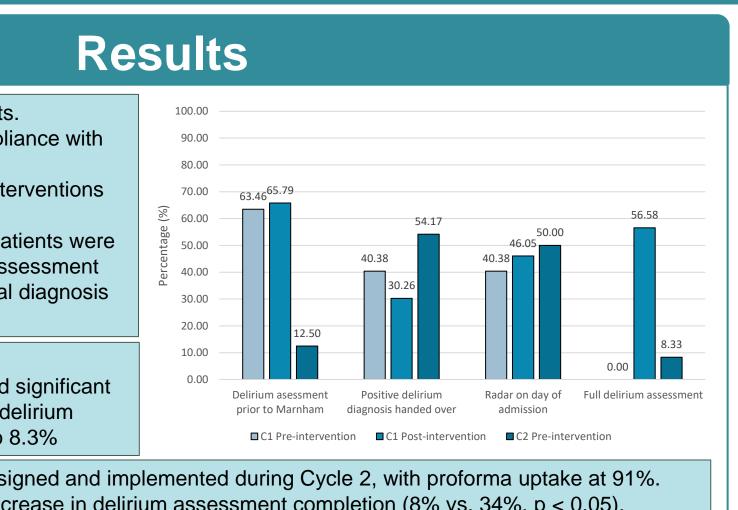
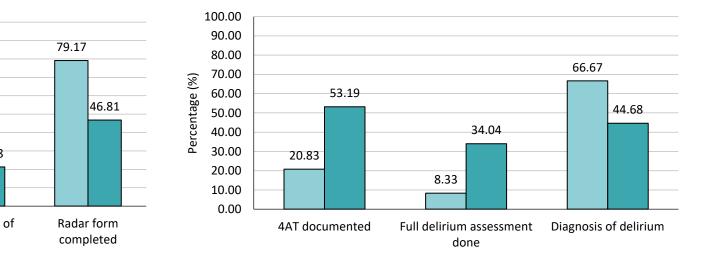
A quality improvement project into delirium assessments on an Acute Senior Health Unit J Dean, A Madaan, O Fenske, M Baxter, C Taylor, C Bateman-Champain, J Hetherington



Risk Factors for dev	eloping delirium whilst		ig Assessment				
Aged 65 or older		O Yes O No	Delirium A	d-hoc	Cycle 1	included a total of 1	28 patier
Admitted with Hip fra	acture	O Yes O No	Form on i	CLIP		udit revealed subopt	•
everely unwell (EW	'S 5 or more)	O Yes O No	Behavioural Indicators of Delirium Problems with cognitive function Proor concentration, slow responses, obvious disorientation, confusion	C Yes C No		ecommendations.	
itive Impairmen	it - Known Dementia		when asked simple questions Problems with perception Visual or auditory hallucinations	C Yes C No		and education-base esigned and impleme	
		O No	Changes in physical function Reduced movement or mobility, restlessness, agitation, markedly reduced appetite, sleep disturbance (drowsy, insominia, reversed sle	C Yes C No		ng these initial interv	
ognitive Impairmen	t - Learning Disability	O Yes O No	Changes in social behaviour Lack of cooperation with reasonable requests, withdrawal, change in mood, communication or attitude	C Yes C No		kely to receive a full	
	4AT Scree	en for Delirium an	d Cognitive Impairment		, ,	/s 56.6%, p = 0.001) /s 27.6%, p = 0.002)	
	e patient, ask them to stat houlder. Abnormal if drow	te their name and address, if vsy or agitated.	f asleep attempt to O Normal O Mild Sleepiness on wak	O Clearly abnormal	(5.6% V	/s 27.6%, p = 0.002)	•
AMT4: Ask the pati	ient to tell you the followir	ing: Age, DOB, Place, Current	: Year O No mistakes O 1 mistake	○ =>2 mistakes or untestable	•	ents were included ir	•
Attention: Ask the	patient to tell you the mo	onths of the year in backward	rds order starting at 0 7 months or more corre			it compared to Cycle in patients receiving	
cember. 1 prompt a		mess, cognition, other mental	I function e.g.	·		ment with 4-AT, from	•
ucinations, parano		ness, cognicion, ocher mental	Total	s	• The ney	w admission proform	na was de
or Above - possible de o 3 - possible cognitiv	alirium +/- cognitive impairme ve impairment	ent				plementation, there	
Delirium or cognitive	impairment unlikely (but deli	lirium still possible if collateral his	story incomplete)			vas no statistically si	
n you make a diagn	nosis of delirium? Oyes ONo OUnsu OUnsu	(Selecting Yes adds	eat causes as per delirium pathway (see intranet) Delirium diagnosis to the patients record)		Ihe mo	ost notable change w	ias the in
		No - Remains at risk	k for developing delirium on this admission or advice and reassess in 24 hrs		100.00		
	Specif	fic risk factors for	developing delirium		90.00 80.00		
ection	O No O Yes	Look for and treat inf	fection as per Trust Guidelines		<u>്</u> സ 70.00 ഇ 60.00	54.17	50.00
theter	O No O Yes	Remove short term c	catheters as soon as possible		(%) 70.00 eventson 2000 eventson 2	31.91	
ltiple Medications		antiparkinsonian drug	ns and consider risks and benefits of: opiates, benzo igs, high dose steroids, tricylics. Look for risk of drug	or alcohol withdrawal			21
n hydration - or at ris	0 No 0 Yes	signs of pain - use Al	's (subject to any fluid restriction)	unnculues - look for non-verbal	10.00	2.50 10.60	
stipation - or at ris		Start fluid balance ch	hart (Consider SC or IV fluids) Consider PR exam - Consider laxatives			um assessment Positive delirium	Radar on d
rpoxia or at risk	O No O Yes	Ensure O2 prescriptio Optimise O2 sats acc	ion written up cording to prescription		prior	r to Marnham diagnosis handed over	admissi
A dura i	ocion Dr		Cycle 2 interve			□ Pre-intervention	Post-interve
	- PMH: SHx: <u>Review:</u> TEP VTE NEW S2 CF S 4-AT	. [Con . [Con	ompt to sess 4AT nplete iClip form] nplete AdHoc VTE Risk Ad nplete AdHoc Frailty Ax] nplete AdHoc Delirium Ax]	-	 Positive Howeve There w 	vas a significant impro	ad-hoc f n RADA
	Bladder/bow	-				ons proforma. this, compliance stil	ll falls sho
	E&D/swallow	N:				ement to adhere to n	
	Medication r	eview:				pject demonstrates the is ongoing, aiming t	
	O/E:		Prompt to co	mplete	team fe	edback.	
			delirium ad-h	oc form	The adr	missions proforma al	lso serve
	Impression:						:1:+ C
	NMO/MOFD	[Dele	ete as applicable]			ctive: assess sustainab ements made in cycle	•
	-				•	ements where possibl	-
	-				Predi	ction: improvements i	
	Plan:					een sustainable	U.e
	-					ge idea: standardised ion" proforma, promp	
	-					n assessment, diagnos	-
	Discharge pl	lans:			comple		
	-						
	Name						
	Grade						
	Contact					Next cycle:Integrate proforma	into IT
						software to improve e	
ΔI					IFIS	lessen variability	
	itstanding c		George's Unive		nitals	Formal handover at	changeov
Ou	itstanding c every ti		George's Unive		pitals	•	changeov



crease in delirium assessment completion (8% vs. 34%, p < 0.05). ifference between delirium noted on handover (54% vs. 32%, p > 0.05). rease in 4AT completion following the proforma (21% vs. 53%, p < 0.01).



□ Pre-intervention □ Post-intervention

Discussion

Limitations

im adhoc forms tors

- forma as an
- completion rates 6-8
- rm completion
- completion rates
- □ Impact of junior doctor strikes

□ Single centre with a small sample size

Changes in staffing, including ASHU nurses

□ Winter bed pressures and ward closures may have

contributing to smaller sample size in January

Conclusion

in delirium and 4AT assessment following the introduction of a new

ort of recommended guidelines and there is clear recognition of further andards for delirium management.

nges of sustaining change across multiple cycles and trainee rotations. this and update the admission proforma in response to multi-disciplinary

as a basis for further clinical audit in various areas of clinical practice.

