HORNSBY HOSPITAL "THE FAIRYTALE"

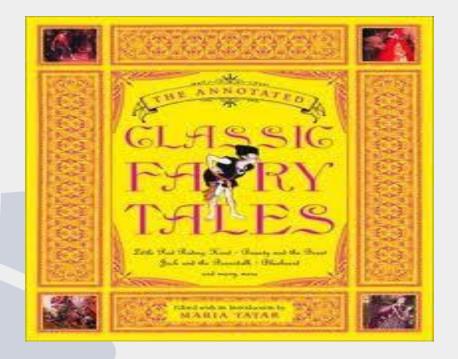
OUR WHOLE OF HOSPITAL STRATEGY FOR IMPROVING TIMELY ACCESS TO CARE





Setting the Scene

Once upon a time in a land far, far away there was a majestical place called the Ministry of Health...





In the Ministry there was a fieldom known as:

Northern Sydney Local Health **District!!**



Ruling over 800,000 loyal subjects and covering some 900 square kilometres, the LHP was rightly proud of its premier place in the Ministry

Five "castles" in the Local Health District













The "mighty" Hornsby Hospital



A proud history of quality clinical care, of innovative clinical practices and research

NSW Health Award Finalist 2010 "Better than a blank, more specific than a spot" – Pharmacy

Winner of the 2005 NSW Health Award - GRACE – Geriatric Rapid Acute Care Evaluation Service

Winner of the 2007 NSW Health Award – "The great race' – A practical, peer oriented approach to intern orientation

Excellence in research: Curran Research Unit

Professor Sue Kurrle "Physical co-morbidities

of dementia"



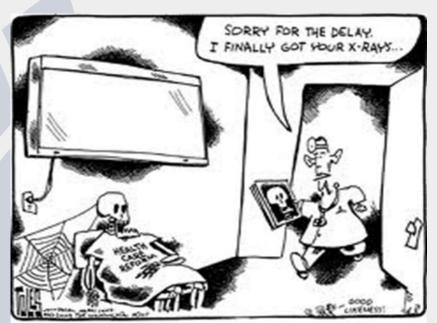
However by 2012 clinical performance was at an all time low by previous

standards

Not meeting ED KPIs

LoS above peer benchmarks

High elective surgical wait times





So how long shall we put down he was waiting...3 hours 58?



Hornsby Hospital in the media!



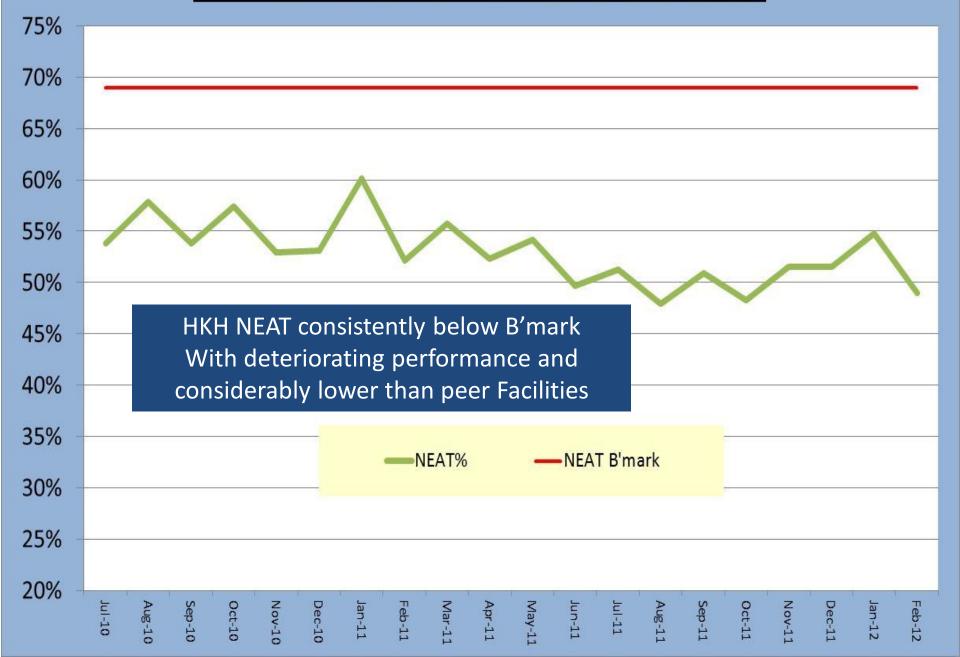


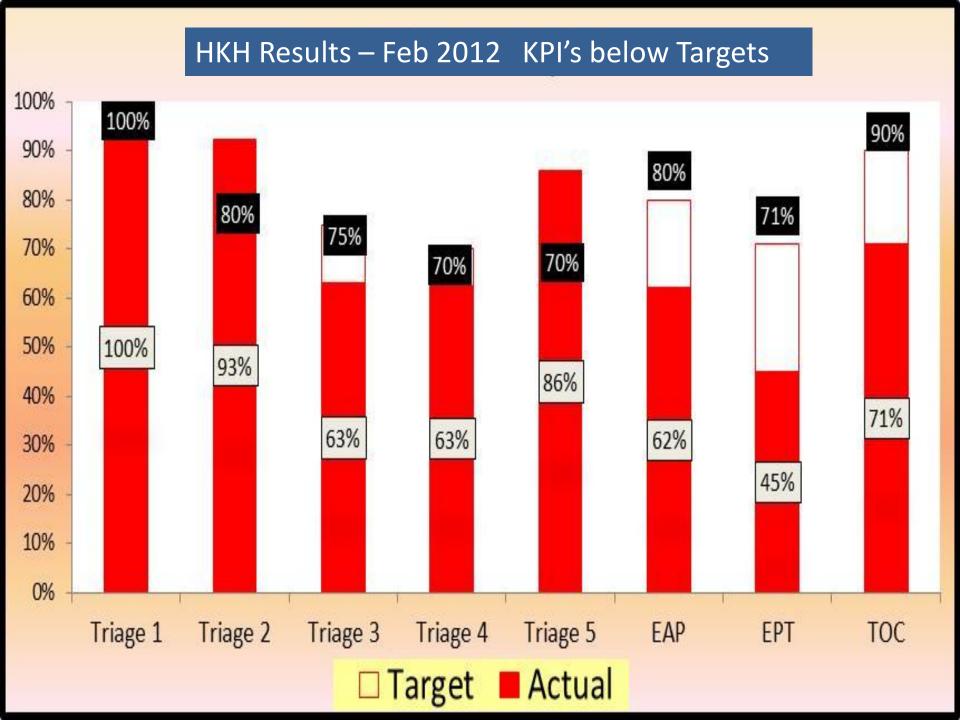


SEVEN of Australia's 10 worst-performing hospital emergency departments are in NSW, and the state has none of the top performers, the first National Health Performance Authority report into waiting times shows. Doctors say failure to meet national targets risks lives and hits the sickest patients.

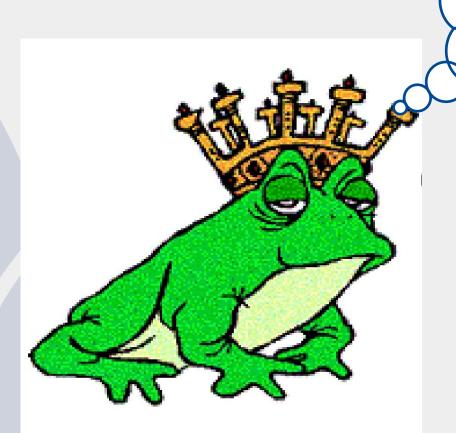
Cutting emergency department stays to four hours was linked to a 13 per cent fall in patient deaths in research published in the *Medical Journal of Australia* this year. Associate professor Owler said the blockage was not just caused by a lack of resources for emergency departments, but was linked to bed and staff shortages throughout hospitals. "Maybe the emergency departments are doing things more efficiently, but the rest of the hospital flow, which relies on improving capacity and design, is not," he said. The new analysis released on Friday shows Hornsby Ku-ring-gai, hospitals were all listed in the bottom 10 per cent in the country Read more: http://www.smh.com.au/national/health/emergency-nsw-dominateslist-of-worst-hospitals-20121213-2bco5.html#ixzz3IKt4tKYP

HKH EPT Performance 2010-2012





Our Vision :to improve the quality of care our patients can expect and the way our hospital functions.





Galvanising our troops





Transforming Hornsby into the Jewel in the Crown





Strategy

We had a strategy to move us from a poor performing hospital to one of the best that we and our community could be proud of.

Our goal was and is to improve the quality of care our patients can expect and the way our hospitals function.

Our strategy did not have a **fairy godmother** or a **magic wand** but involved taking a whole of hospital approach to redesign our processes and care systems.



National performance targets NEAT – gave us an opportunity and a mandate for change

"Whole of hospital"

- transformational system

wide reform!

- Operational change
- Strategic change
- Cultural change



"I've seen this before: Combustion due to extreme resistance to change."

Whole of Hospital Strategy

...to improve access to care ,implement and embed new models of care and improve the quality of our care processes.

ED Access Inpatient Flow

Capacity Management



Emergency Department and Access

To improve timely access to care and meet our ED KPIs

and for patients this means "reduced waiting times in ED and quicker access to care"



Strategy: ED and Access Projects

ED Team based Care

ED SASS

Fast Track project

ED Navigator

Voice recognition

"Pull till we're full"

GRACE

Parkinson's project





ED Team Based Care and ED Navigator







Patient flow

Efficient and timely flow of patients through the organisation.

and for patients this means
"moving in a timely way to
the next point of care, more
coordinated care with better
communication about my
care"



Strategy: Patient Flow

Transit Unit



Departure Lounge

ED Direct to Ward Admission Project

Fractured NOF Project

Inter Hospital Transfers



Capacity Management

To facilitate timely discharge planning, improved LoS and ability to manage capacity.

and for patients this means
"understanding when I will
be going home and being
involved in the planning for
this."

Strategy: Capacity Management

Patient Journey Boards: rapid rounding

Telemetry Project

Capacity Management

Criteria Led Discharge



Patient Journey Boards and rapid rounding



We couldn't implement our strategy without our "3C"s



A "Can Do" attitude

Using communication to highlight what we can do rather than what can't be done

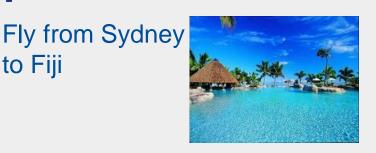


In 4 hours you can.....

Cook a 13kg Turkey



Travel from London to Paris on the Chunnel



Cook 120 packets of 2 minute noodles



Run 4 City to Surfs





Watch Gone with the Wind

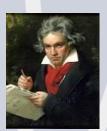


Listen to the Beethoven's 5th eight times

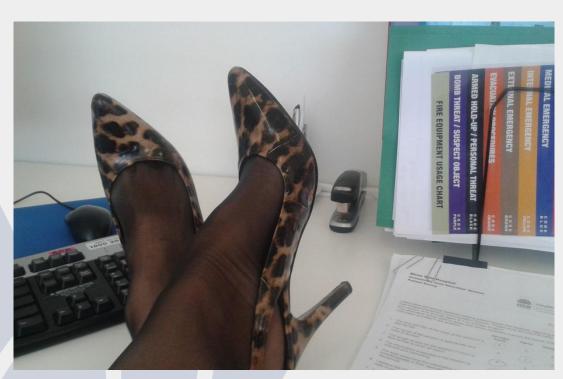


to Fiji





Commitment



Walking in the shoes of our colleagues and patients

"Own it"



Leadership and followership

Finding and supporting our leaders and our "lone nuts"!





How to start a movement - Derek Sivers





How to start a movement - Derek Sivers Embedded



Health

Challenges along the way

6.9% increase in ED presentations

7.9% increase in admissions

Worst recorded influenza season in NSW in 2014 and in 2015

Lack of isolation beds



The results after 2 years... Hornsby Ku-ring-gai Hospital Service is "NEAT!!"

Improved clinical performance

Improved quality outcomes for patients (decreased % falls, decreased % hospital acquired infections)

Decreased number of patient complaints in access, waiting times and patient flow.

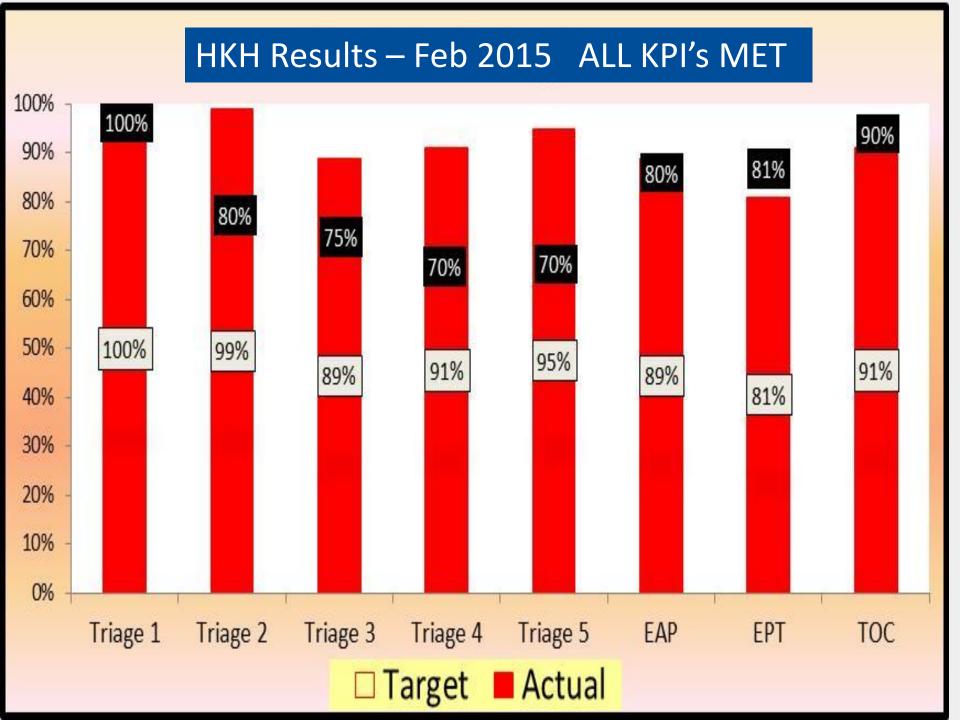
New innovative technology and care



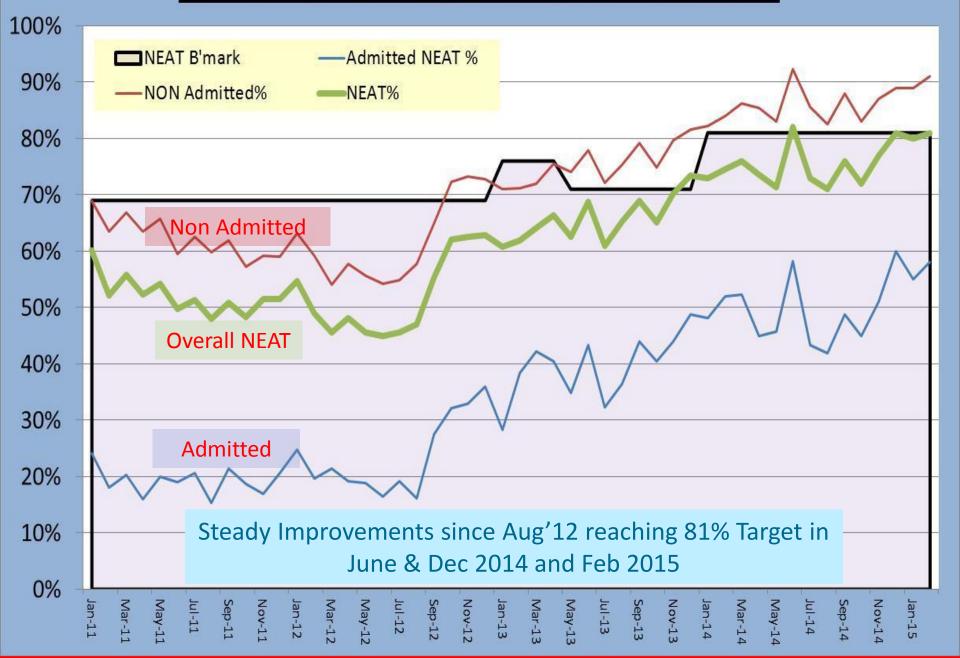
HORNSBY KU-RING-GAI HEALTH SERVICE EMERGENCY TREATMENT PERFORMANCE 2015



Month	Overall Status	Emergency T	reatment Pe	rformance (ET	P)	
EBRUARY 2015	The February ETP performance for Hornsby Hospital was	Hornsby Hospital			W 45	
2015 ISW ETP = 81%	81% The result of 81% represents a sustained improvement in ETP for the past 4 months.	Overall ETP	February 2013 64%	February 2014 75%	February 2015 81%	
ntil June 2015	The overall time from triage to clinician first seen (21 minutes) has improved significantly over the past 2 years.	Admitted ETP	38%	52%	58%	
	d.	Non admitted ETP	74%	84%	91%	
		Average time from triage to first seen	34mins	22mins	21mins	
Hornsby Ku-r	ing-gai Hospital Redesign Strategy	Projects	and benefits	realisation		
number of clinical red	design strategies to improve and sustain ETP.	been implemented to in A new project involving	nprove internal prod the ED and mental I ve communication b	essing, patient flow an nealth service will com etween the two service	ED navigator/ patient flow id operational efficiency v mence in early 2015. The es in respect to patients n	within the ED
	APACITY projects being undertaken focus on facilitating		•		facilitate timely discharge spital's capacity. Criteria L	
timely discharge planning and improving length of stay.			rgical sub speciality	will commence in 2015	. The Criteria Led Dischar	
PATIENT FLOW proje	ects aim to facilitate improved and more efficient patient	A number of new clinica	l redesign projects v	vill continue to be imp	lemented during 2015 to	facilitate
flow from the ED and throughout the organisation.		improved access to care	and patient flow th	rough the organisation	. A new redesign project	
	throughout the organisation.	An 1 10 10 10 10 10 10 10 10 10 10 10 10 1	.,		nts attending the Fracture	

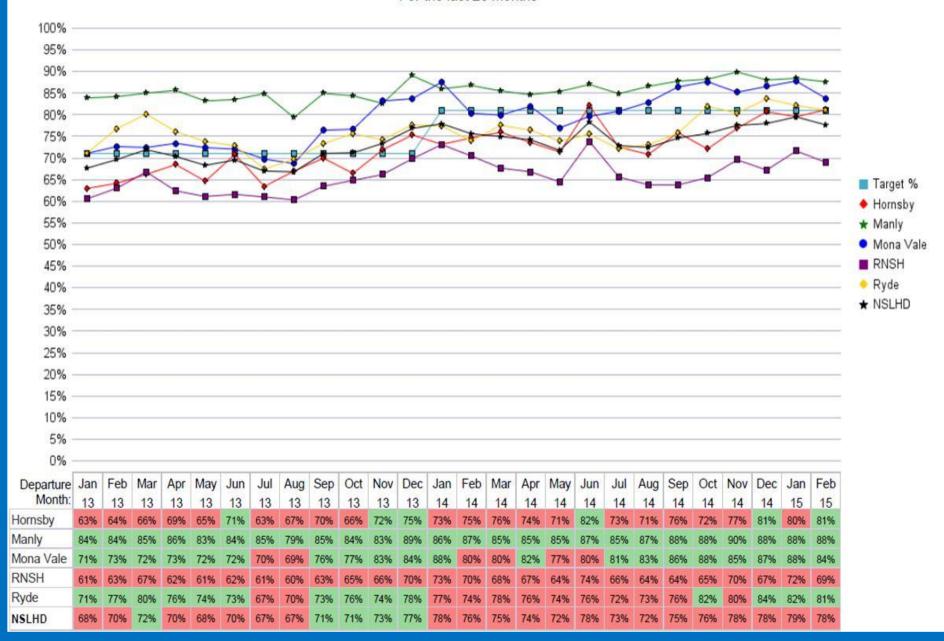


HKH NEAT Performance since 2011



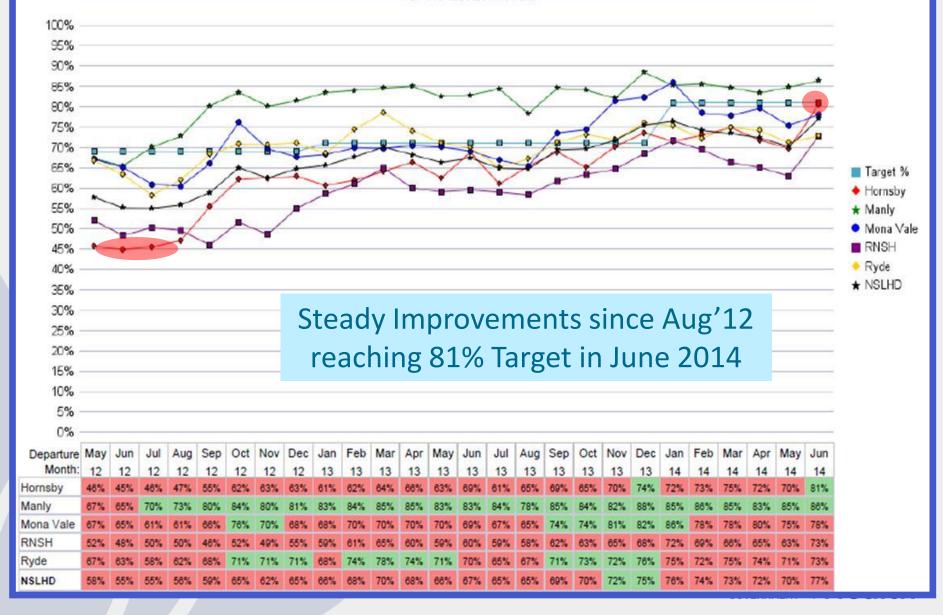
Monthly Emergency Treatment Performance Report for NSLHD

Emergency Treatment Performance: ED Patients Admitted, Referred or Discharged within 4 Hours of Presentation (%)
For the last 26 Months



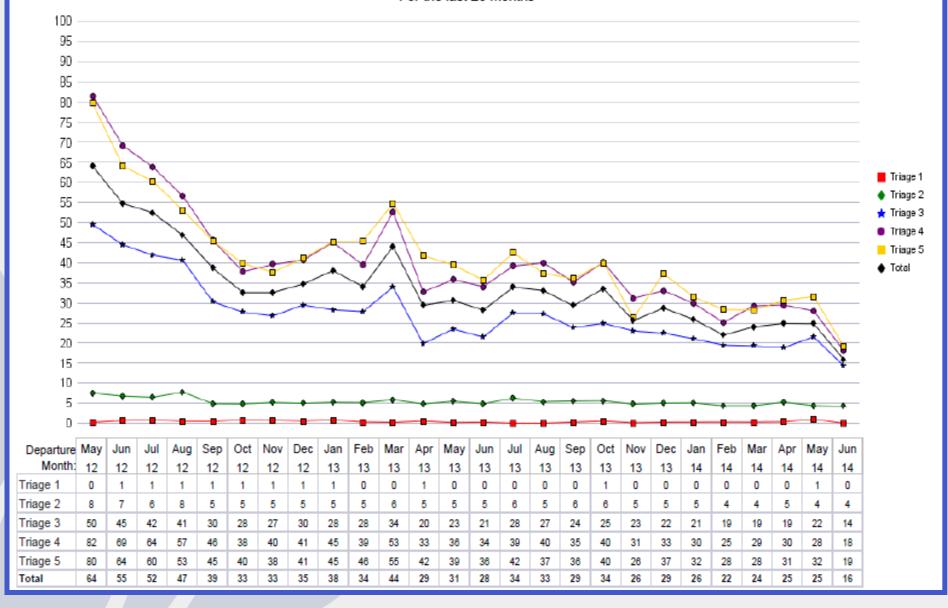
Monthly NEAT Performance Report for NSLHD

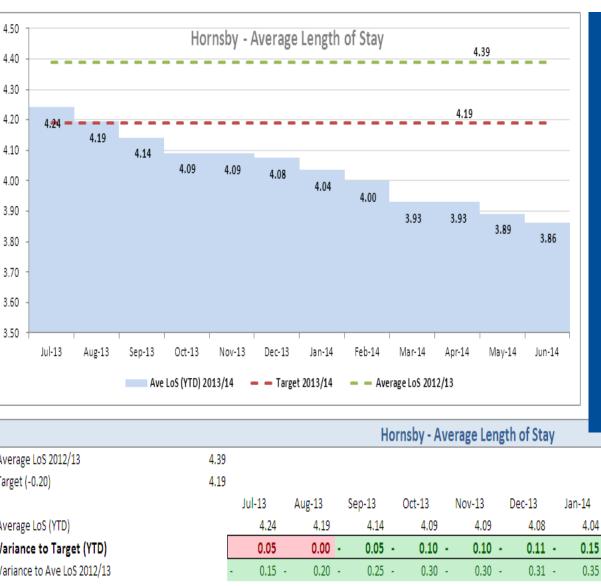
NEAT Performance: ED Patients Admitted, Referred or Discharged within 4 Hours of Presentation (%)
For the last 26 Months



Monthly NEAT Performance Report for Hornsby

Average Presentation Time to First Seen Time in Minutes by Triage Category
For the last 26 Months





YTD Bed Days Saved (Seps YTD x Reduction in Ave LoS)

YTD Savings (Bed Days Saved x Ave Cost per Bed Day)

4.39 Days in 2012/13 to 3.86
Days by YTD June 2014
This improved LOS meant we

Length of Stay reduced from

compared to 2012/13

This equated to 18 less Beds per day required

and an efficiency \$ savings of

\$5M

had saved 6,638 Bed Days

Average LoS 2012/13 Sub-Acute Target (-0.20) Apr-14 May-14 Jun-14 Average Bed Feb-14 Mar-14 Average LoS (YTD) 4.04 4.00 3.93 3.93 3.89 3.86 Day Cost 2012/13 Variance to Target (YTD) 0.15 -0.19 -0.26 -0.26 -0.30 0.33 Variance to Ave LoS 2012/13 0.35 -0.39 -0.46 -0.46 -0.50 -0.53 754 Overnight Separations (Acute) 1,069 1,089 1,036 1,059 1,028 1,035 936 1,002 1,100 1,093 1,124 1,023 Overnight Bed Days (Acute) 4,532 4,508 4,137 4,152 4,088 4,058 3,512 3,651 3,681 4,161 4,534 3,636

1.590

1.198.685 F

1.989

1,499,869 F 1,934,549 F

2.566

3.229

2.434.693 F

4.314

4.800

3.252.485 F 3,619,562 F 4,343,479 F 5,004,796 F

5.761 -

6,638

793

597.666 F

1.269

424 -

319.872 F

157 -

118,698 F

Driving Innovation at Hornsby

- Clinical Data Dashboard
- ED Mental Health project
- "Pull till we're full" model in ED



Hornsby Ku-ring-gai Hospital In Safe Hands & Clinical Data **Dashboard**







Month & Year Lumby Building Ward 2A

Sep-14

Sep-2014

% Dischg before 10am

19.7%

% Dischg Wkend

Mortality Count

Unplanned ICU/HDU

transfer



	Month & Year	Sep-2014
	Geraghty Unit	
LOS	Ward Traffic	% Dischg before 10am
23.60	49	5.9%
Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend
1.70	3.40	5.9%
Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count
0.00	Pending	0
Infection Rates	Unplanned re-admits	Unplanned ICU/HDU transfer
1	0	0

Click on	Coll f	or droi	n down	lict\

Audit Date - ι	Jun-2013	
Qı	uarterly Audit VTE St	atistics
TEAM	VTE Risk Accessment	VTE Prophylaxis
Med 1	40.0%	60.0%
Med 2	0.0%	75.0%
Med 2A	20.0%	66.0%
Med 3	60.0%	75.0%
Med 3A	0.0%	0.0%
Med 4	0.0%	66.0%
Surg A	33.0%	100.0%
Surg B	40.0%	100.0%
Surg C	60.0%	80.0%
Ortho	0.0%	100.0%
Hospital	28.1%	60.0%

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Click on Cell	for drop	down	list 🔌

Audit Date - u	Jun-14				
Ha	Hand Hygiene Annual Audit				
ED	AAU	ICU			
64.3%	76.0%	79.1%			
Lumby 1A	Lumby 1B	Maternity			
86.5%	90.3%	70.9%			
Lumby 2A	Lumby 2B	Mary Giles			
81.5%	88.0%	97.6%			
	Whole Hospital	Geraghty			
(3)	82.9%	97.6%			

	Month & Year Sep-2014				
	Emergency Department				
NEAT Performance	Admit NEAT	Discharge NEAT			
76%	49%	88%			
Med errors rate /1000 bed days	Falls rate/1000 bed days	Triage to 1st seen Ave			
3.88	7.75	0:17			
DNW/LWOS	Time to Antibiotics hh:mm	Total Presentations			
50	0:29	2,993			
DNW/LWOS p'cent	Unplanned Repres 48 hrs	Mortality Count			
1.67%	4.6%	3			

	Month & Year	Sep-2014
Lu	mby Building Ward 1/	4
LOS	Ward Traffic	% Dischg before 10am
5.80	252	4.3%
Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend
2.76	6.90	4.3%
Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count
4.14	Pending	2
Infection Rates	Unplanned re-admits	Unplanned ICU/HDU transfer
2	5	4

14		Month & Year		
	Lui	mby Building Ward		
re 10am	LOS	Ward Traffic		
	3.80	355		
kend	Med errors rate /1000 bed days	Falls rate/1000 bed days		
	6.02	4.51		
ount	Hospital acquired PI/1000 bed days	VTE Diagnosis		
	1.50	Pending		
CU/HDU r	Infection Rates	Unplanned re-admits		
	0	4		

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	Month & Year	Sep-2014
	Acute Assessment Ur	nit
LOS	Ward Traffic	% Dischg before 10am
1.60	597	5.2%
Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend
0.00	6.29	27.6%
Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count
2.10	Pending	2
Infection Rates	Unplanned re-admits	Unplanned ICU/HDU transfer
0	11	4

	Month & Year	Sep-2014			
Lu	Lumby Building Ward 1B				
LOS	Ward Traffic	% Dischg before 10am			
4.60	290	6.2%			
Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend			
7.44	5.95	15.4%			
Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count			
4.46	Pending	3			
Infection Rates	Unplanned re-admits	Unplanned ICU/HDU transfer			
2	3	4			

Some Maternity data unavailable until mid-month re OB data delays

	Month & Year	Sep-2014		
Lumby Building Ward 2B				
LOS	Ward Traffic	% Dischg before 10am		
3.40	401	18.0%		
Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend		
1.45	2.91	12.0%		
Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count		
0.00	Pending	0		
Infection Rate total	Unplanned re-admits	Unplanned ICU/HDU transfer		
0	5	1		

Month & Year		Sep-2014	
	ICU/HDU		
LOS	Ward Traffic	Transfers Out	
3.70	123	41	
Med errors rate /1000 bed days	Falls rate/1000 bed days	Separations after 6 pm	
8.51	12.77	9	
Unplanned Admits	VTE Diagnosis	Mortality Count	
0	Pending	4	
Infection Rates	Unplanned re-admits	Unplanned ICU/HDU transfer	
0	0	0	
Hospital Acquired Infection by Ward/Unit	Lumby Building Ward 1A	Lumby Building Ward 1B	
MRSA	0	2	
VRE	1	/0	

Cdiff

C diff

	Month & Year	Sep-2014	
	Maternity Unit		
LOS MGP Hours	Ave LOS Vaginal births hours 42	Ave LOS Caesarean hours 65	
Med errors rate /1000 bed days	РРН	Term admits SCN Rate	
0.00	15.9%	14.3%	
Wound Infection Events	VTE Diagnosis	1	
0	Pending		
Baby Unplanned re- admits 7 days	Baby unplanned re- admits 7-28 days	Unplanned ICU/HDU transfer	
6	3	0	
Lumby Building Ward 2A	Lumby Building Ward 2B	ICU/HDU	Туре
0	0	0	MRS/
0	0	0	VRE

		Month & Year	Sep-2014		
	Mary Giles Ward				
	LOS	Ward Traffic	% Dischg before 10am		
	17.20	66	13.6%		
	Med errors rate /1000 bed days	Falls rate/1000 bed days	% Dischg Wkend		
	6.84	5.13	4.5%		
	Hospital acquired PI/1000 bed days	VTE Diagnosis	Mortality Count		
	0.00	Pending	0		
	Infection Rate total	Unplanned re- admits	Unplanned ICU/HDU transfer		
	0	0	0		
pe	Acute Assessment Unit	Mary Giles Ward	Geraghty Unit		
MRSA	0	0	0		
/RE	0	0	0		
diff	0	0	1		

Our Whole of Hospital Program

Clinical engagement

Team work

Collaboration

Communication ++++

- > Positive media
- > Improved staff morale
- Recognition: 47 hospitals in NSW, Augore overseas visited



The happy ending ...

