



EMHS Tobacco Brief Intervention ABCD Pilot Project – Armadale Hospital

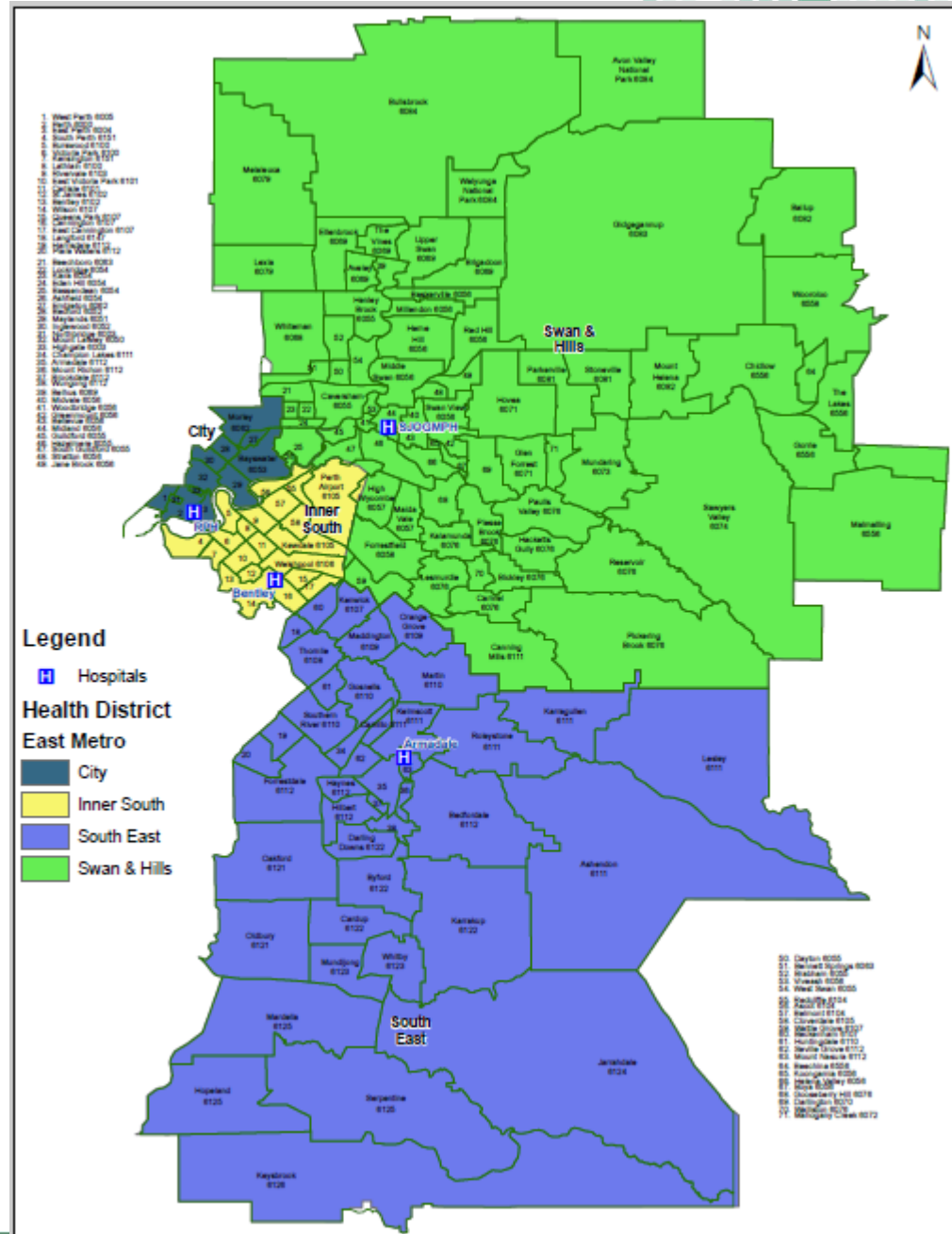
Assunta Di Francesco
Senior Health Promotion Officer





East Metropolitan Health Service

- City of Armadale
- City of Bayswater
- City of Belmont
- City of Canning
- City of Gosnells
- City of Kalamunda
- City of Perth
- City of South Perth
- City of Swan
- Shire of Mundaring
- Shire of Serpentine Jarrahdale
- Town of Bassendean
- Town of Victoria Park





ABCD aim

To increase the number of people who accessed Armadale Hospital's Canning Ward to be smoke free during their hospital stay.





Rationale

- Pharmacological treatment can improve patient comfort and compliance with hospital smoke free policies (Department of Health, 2009).
- BI delivered by a health professional can double the rate of quitting (Stead, Bergson and Lancaster, 2008).
- **Documenting smoking status, providing brief counselling and pharmacotherapy to smokers and offering post hospital discharge support can improve long term smoking cessation among hospital patients (Mullen et al 2016).**



ABCD

| A Ask | B Brief Intervention | CD Communication at Discharge |
|-----------------------------------|--|---|
| Ask all inpatients about smoking. | Every inpatient who smokes should be offered brief intervention support to quit. | Communicate smoking status and action taken in discharge documentation. |
| Determine nicotine dependence | Offer NRT | |
| | Offer referral to relevant supports | |





A capacity building approach

- **Leadership**
 - Management support
 - Policy to influence change
 - Learning from Alfred Health's experience
- **Partnership**
 - Armadale Hospital
 - Cancer Council WA
- **Organisational development**
 - Identifying pilot ward
 - Use available best practice tools
 - Fagerström Test for Nicotine Dependence
 - Audit processes
- **Resource allocation**
 - Quit packs
 - Flow charts
 - Nicotine test for dependence lanyards
- **Workforce development**
 - Information sessions with physicians and nurses





What we did

- Physician information session (1)
 - 20 participated
- Nursing information sessions (6)
 - 56 participated
- Quit packs
 - 253 distributed
- Fagerström Test for Nicotine Dependence cards - lanyards
 - 50 distributed





Evaluation

- **Patient file audit**
- Information session surveys
- Observational audit





Patient file audit

- Four patient file audits – two month interval
- Internal processes (e.g. GEKO form, Business Intelligence Unit)
- ABCD Audit Data Sheet (excel)





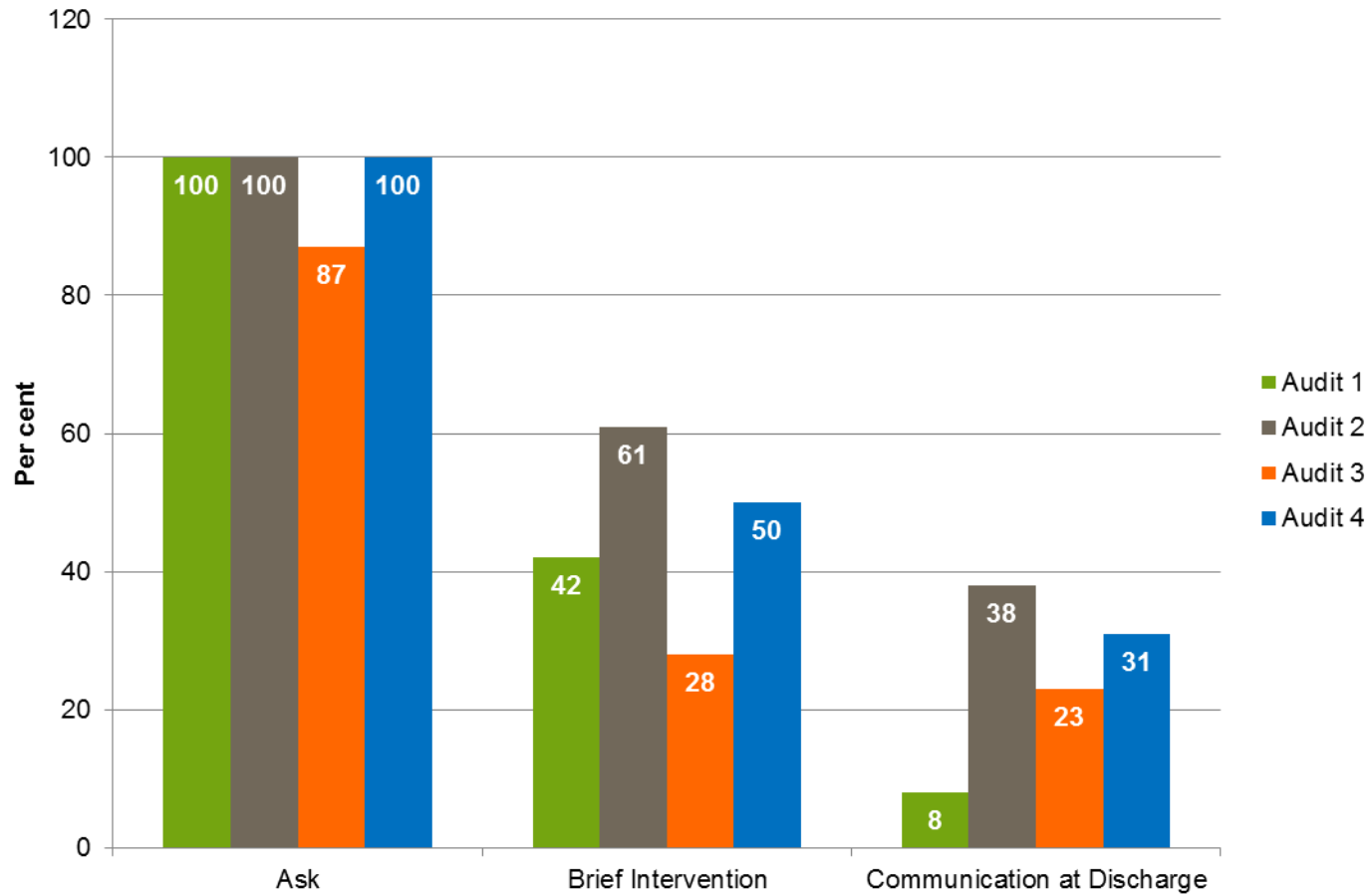
Sample size

| Measure | Audit 1 | Audit 2 | Audit 3 | Audit 4 | Total |
|--|---------------------|---------------------|---------------------|---------------------|-----------------------------|
| Month | June 2017 | August 2017 | October 2017 | December 2017 | |
| No. of records identified to audit | 44 | 23 | 33 | 19 | 119 |
| Actual no. of records audited out of total number (Sample size) | 16 (36 per cent) | 13 (56 per cent) | 31 (94 per cent) | 14 (73 per cent) | 74 (62 per cent) |





Summary of results





Limitations

- Small sample size
- Limited resources and capacity
- Limitations of auditing recording process





Recommendations

- Continue project for another 12 months.
- Include information on NRT and CD component during interns (junior physicians) orientations.
- Continue to deliver sessions to nurses.
- Survey nurses to identify support needs.
- Expand project to other departments and general practice surgeries.



References

Department of Health 2009. Clinical guidelines and procedures for the management of nicotine dependent in-patients. Accessed April 2017, http://ww2.health.wa.gov.au/~/_/media/Files/Corporate/general%20documents/Tobacco/PDF/Clinical_Guidelines.pdf

Mullen KA., Manuel GD., Hawken SJ., Pipe AL., Coyle D., Hobler LA., Younger J., Wells GA and Reid RD. 2016. Effectiveness of a hospital-initiated smoking cessation programme: 2 year health and health care outcomes. Accessed April 2017, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5543264/pdf/tobaccocontrol-2015-052728.pdf>

Stead L., Bergson G., Lancaster T. Physician advice for smoking cessation. Cochrane Database Systematic Review 2008: (2) CD000165.



Acknowledgements

Alfred Health

- Emma Dean
- Kirsten Corben
- Kia Noble

Armadale Health Service

- Dr Rasiah Sureshkumar
- Michelle McGowan
- Lynda Sutton
- Edwina Lee
- Evonne Fong
- My Linh Nguyen
- Jill Claybrook

Tobacco Control Network

- Sarah Bright

Cancer Council WA

- Doris Neuwerth
- Kelly Kennington

East Metropolitan Community and Population Health Services

- Megan Milligan
- Polash Mondal
- Holly Scott
- Claire Hyland
- Wendy Kippin





Thank you

Contact details:

Assunta Di Francesco

Senior Health Promotion Officer-South East

East Metropolitan Health Service

Tel: 08 9416 3120

assunta.difrancesco@health.wa.gov.au

