













Examples of DUR and the conceptual framework		•	26	
-	Quantify	Understand	Evaluate	Improve
Prescribing			Prescribing quality indicators	
Dispensing				
Consumption				UTS 《梁 4

Examples of DUR and the conceptual framework			- 25	•
-	Quantify	Understand	Evaluate	Improve
Prescribing				Intervention studies
Dispensing				
Consumption				UTS &+

Effect of	humour therap	y on psychotr	opic medication	n use in
nursing I	nomes	Ast Ø 2	alasian Joannal on Againg, 161 35 No 4 Daci 116 AJA Inc.	mber 2016, E7-E12
Jerame BY Leow Faculty of Medicin Wales, Australia	e, University of New South Wales	, New South		
<i>Lisa Pont</i> Sydney Nursing S Wales, Australia	ichaol, The University of Sydney, M	New South		
Lee-Fay Low Faculty of Health 1 South Wales, Aus	Sciences, The University of Sydner trails	y, Sydney, New		
Table 1: Prevaler	nce (%) of psychotropic med Igram	ication use in Australian i	nursing homes before Play U	program and
after Play Up pro	way instructions	Paragoy(0100005	personearprises	***************************************
Pre-Play. Up	169	94	63	65
Pre-Play Up pro	169 (45,8%) 151 (41,8%)	94 (26.0%) 82 (22.7%)	63 (17.5%) 52 (14.4%)	65 (18.0%) 61 (16.9%)

Examples of DUR and the conceptual framework		•	- 25	
-	Quantify	Understand	Evaluate	Improve
Prescribing				
Dispensing				
Consumption				Patient education

Qualitative

Exploration, meaning,

 What are the barriers to complaince

 What are the thoughts among GPs on non-

compliance in patients

with chronic treatment?

UTS ⊗‡

understanding

			Women Compared	with Men in Study	Population*
Parameter	women, n (%)	men, n (%)	02000000	Odds Rat	o (95% CI)
<1 indications of inappropriate	95,613 (24.6)	49,787 (19.3)	Paramatar	Unadjusted	Adjusted®
Types of inappropriate drug use			at Indications of inappropriate drug use	1.36 (1.35 to 1.38)	1.24 1.23 to 1.26
Americanearge drugs	33,856 (8.7)	10,397 (0.4)	Anticholinergic drugs	1.40 (1.37 to 1.42)	1.29 1.27 to 1.32
nonselective monoamine rouptake inhibitors	8,775 (2.3)	2,646 (1.0)	urinary antispaamodics nonselective monoamine mustake inhibitors	1.10 (1.15 to 1.23) 2.29 (2.13 to 2.30)	1.33 1.09 to 1.17 2.06 3.97 to 2.35
hydroxyzine	7,225 (1.9)	3,790 (1.5)	hyboryzine	1.27 (1.22 = 1.32)	1.11 1.07 10 1.16
Long-acting benzodiazepines diazepam	25,859 (6.7) 10,431 (2.7)	11,080 (4.3) 4,886 (1.9)	Long-acting benzodazepines	1.00 (1.55 to 1.62)	1.45 1.42 to 1.4
flunitrazepam	10,084 (2.6)	4,257 (1.7)	diazispiam	1.43 (1.38 to 1.48)	1.30 1.26 to 1.35
nitrazepam	6,159 (1.6)	2,289 (0.9)	Buninkaspam	1.50 (1.53 to 1.05)	1.45 1.39 to 1.50
23 Psychotropic drugs	35,882 (9.2)	14.523 (5.6)	nitrazepam	1.80 (1.71 to 1.89)	1.03 1.55 to 1.71
Potentially serious drug-drug interactions	26,000 (6.7)	18,466 (7.2)	23 Paychittopic drugs Potentially serious	1.70 (1.67 to 1.74) 0.93 (0.91 to 0.96)	1.50 1.47 to 1.53 0.81 0.40 to 0.83
Aspirin plus NSAIDs	16,140 (4.2)	11,059 (4.3)	drug-drug interactions		
Aspirin plus warfarin	1,303 (0.3)	1,850 (0.7)	angerer prote NEARDs	0.47 (0.43 to 0.50)	0.42 0.39 to 0.45
Wartarin plue NSAIDs	1,349 (0.3)	1,397 (0.5)	serfarin plux NSAIDe	0.64 (0.59 to 0.69)	0.60 0.56 to 0.65
NSAIDs = nonsteroidal antieffamm % = 387,951 women and 257,478	atory drugs. men.		% = 845,429. *Advanted for age, education	, and number of dise	

		Cases (exposed/ unexposed)	Controls (exposed/ unexposed)	Crude odds ratios (95% CI)	Adjusted odds ratios (95% CI)*	18 J.		
	Single drug regimens	, current use		,			_	
	Aspirin alone	196/1063	4123/50 498	2.4 (2.0 to 2.8)	1.8 (1.5 to 2.1)			
	Clopidogrel alone	12/1063	203/50 498	3.1 (1.7 to 5.6)	1.1 (0.6 to 2.1)			
	VKA alone	56/1063	1227/50 498	2.2 (1.7 to 3.0)	1.8 (1.3 to 2.4)			
	Dipyridamole alone	36/1063	733/50 498	2.4 (1.7 to 3.4)	1.9 (1.3 to 2.8)			
	Two drug regimens, o	urreat use						
	Aspirin and clapidogral	13/1063	49/50 498	12.6 (6.6 to 24)	7.4 (3.5 to 15)			
	Aspirin and VKA	16/1063	114/50 498	6.4 (3.7 to 11)	5.3 (2.9 to 9.5)			
	Dipyridamole and aspirin	44/1063	737/50 498	3.1 (2.2 to 4.2)	2.3 (1.7 to 3.3)			
	Past use							
	Aspirin	106/386	3990/44 968	1.5 (1.2 to 1.8)	0.9 (0.7 to 1.2)			
	Clopidogral	4/990	111/48 847	1.8 (0.7 to 5.1)	0.8 (0.3 to 2.2)			
	Digyridamole	2/992	152/48 805	0.8 (0.2 to 2.9)	0.4 (0.1 to 1.6)			
	VKA	48/946	1028/47 930	2.4 (1.8 to 3.3)	1.8 (1.3 to 2.4)			
ISDE International South	VKA-vttamin K antago *Adjusted for previous obstructive lung disas liver cirrhosis or resal of nen-steroidal arti-in serotonin reuptake inh	nist. discharge diagno a, ischaomic hear failure; for past A farmatory drugs bittors, or systemi	sis of peptic ulser t disease, alcohol elicobacter pylori , astitulcer drugs, s corticosteroids.	peptic ulter bleec related diagnosis o radication; and fo itrate vasodilators	ling, chronic r drug use, or r concurrent use , selective			UTS 844

UTS ∰‡

Types of information bias	$\sim 10^{-1}$
There are two main types of information bias:	
 reporting bias 	
observer bias	
	UTS \$4

UTS ∰4

