# Prescribing and Pharmacy



POWH RMO and Registrar Orientation 2025

lan Fong (Lead Pharmacist, Education and Training)



# **Outline**

01

**Prescribing** 

02

Medication Reconciliation

03

**Discharge Prescriptions** 

04

Pharmacy Services



01 Prescribing



# **Prescribing**

At POWH, there are several different systems used to prescribe medications

### **Electronic**

- eMR Powerchart most of the time
- FirstNet in ED
- eRIC in ICU
- MOSAIQ for chemotherapy

# SESIAHS PROD Powerchart

# PRESCRIPTION \*CNLY valid for experty to hospital patients as the involution framework 86.66.2. Design Recognition for Women Land Control (1997) and the second control (1997) and the sec

### **Paper**

- POV prescriptions (generated from eMR) on discharge
  - POV2 = Prescription Output Version 2
- PBS prescriptions (handwritten) on discharge
  - Also known as "outside scripts"
  - Can be used for non-PBS items as well
- Outpatient prescriptions in clinics or for S100 drugs
- Paper charts in some clinical areas operating theatres, medical imaging
- Paper charts for some specific medications IV heparin, IV insulin, PCA, TPN

We will go more into the 'how' later...



# What can we prescribe?

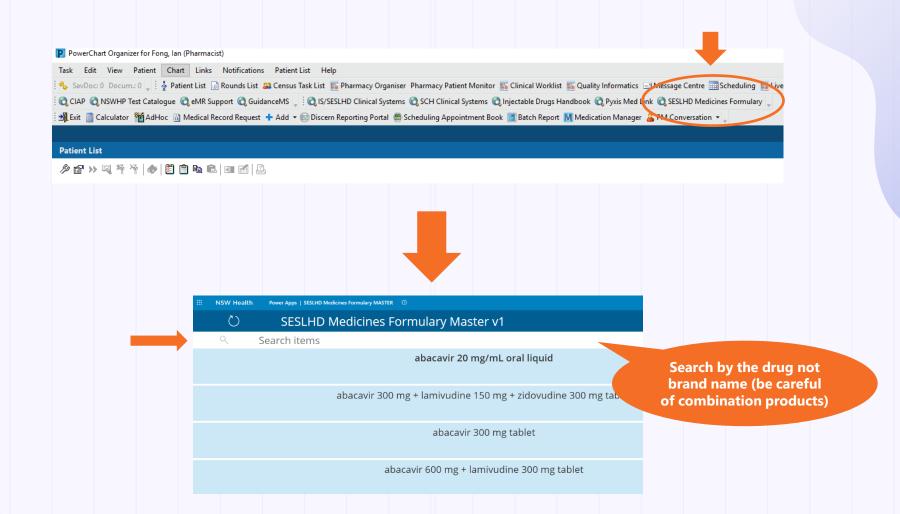
Most of a patient's <u>home medications</u> can and probably will be continued in hospital for continuity of care





# What can we prescribe?

For <u>new medications</u>, we need to consider the medicines formulary



< SESLHD Medicines Formulary Master v1
Medicine
simvastatin 40mg tablet
Inpatient initiation
Not approved
Atorvastatin, pravastatin, rosuvastatin are the formulary listed alternatives for initiation in inpatients
Continuation during inpatient admission
Continue
Outpatient supply from Hospital Pharmacy
Not approved
< SESLHD Medicines Formulary Master v1
Medicine
atorvastatin 20 mg tablet
Inpatient initiation
Approved
Unrestricted
Continuation during inpatient admission
Continue
Outpatient supply from Hespital Pharmasy
Outpatient supply from Hospital Pharmacy
Not approved

umec

umeclidinium 62.5 microgram powder for inhalation, actuation (Incruse Ellipta)

umeclidinium 62.5 microgram/actuation + vilanterol 25 microgram/actuation powder for inhalation, actuation (Anoro Ellipta)

### ○ SESLHD Medicines Formulary Master v1

fluticasone

fluticasone furoate 100 microgram/actuation + umeclidinium 62.5 microgram/actuation + vilanterol 25 microgram/actuation powder for inhalation, actuation (Trelegy Ellipta)

fluticasone furoate 100 microgram/actuation + vilanterol 25 microgram/actuation powder for inhalation, actuation (Breo Ellipta)

fluticasone furoate 100 microgram/actuation powder for inhalation, actuation

fluticasone furoate 200 microgram/actuation + umeclidinium 62.5 microgram/actuation + vilanterol 25 microgram/actuation powder for inhalation, actuation (Trelegy Ellipta)

fluticasone furoate 200 microgram/actuation + vilanterol 25 microgram/actuation powder for inhalation, actuation (Breo Ellipta)

fluticasone furoate 200 microgram/actuation powder for inhalation, actuation

### SESLHD Medicines Formulary Master v1

Medicine

### tapentadol 50 mg tablet

### Inpatient initiation

**Approved** 

On the advice of a pain service for chronic pain unresponsive to non-opioid analgesia.

**Continuation during inpatient admission** 

Continue

**Outpatient supply from Hospital Pharmacy** 

Not approved

If needed, we can give a small supply to them on discharge (Note: outpatient supply ≠ discharge supply)

# **Individual Patient Usage (IPU)**

- Required for:
  - Initiating any medication not on the formulary
  - Using a medication for an off-label indication
- Supporting evidence for the proposed medication/indication is required
- Cost of the proposed medication and regimen is required (ask pharmacist for help)
- Signatures of approval required from:
  - Head of Department
  - Nursing or Medical Co-director of your clinical stream
  - Director of Clinical Services
  - General Manager (if cost > \$10,000)
- Completed paper form should be sent to your pharmacist plus <u>SESLHD-POW-PharmacyIPUs@ health.nsw.gov.au</u>
- If treatment is urgent, then notify your pharmacist and they will escalate further
- If treatment is urgent and it is after-hours, escalate to Director of Clinical Services
- We will soon transition to an online portal to make submissions easier



Contact SESLHD | SESLHD Internet

ABN 70 442 041 439

ipu

Search

### SharePoint



ipu

Result type

Excel

PDF

Web page

Word

Preference for results in English ▼

You've seen this result before

**IPU** Application Form

### IPU Application Form

Use this form to apply for approval for use of a non-formulary medicine in an individual ... submission will be required if a drug is used on an IPU basis in more than 3 patients ...

sesIhdweb.sesIhd.health.nsw.gov.au/.../SESLHDF020-IPUApplicationFor...

### **IPU Application Form**



Use this form to apply for approval for use of a non-formulary medicine in an individual patient, or for use of medicine outside of the formulary restrictions.

In most circumstances, a formulary submission will be required if a drug is used on an IPU basis in more than 3 patients. In such cases, the **formulary submission form** should be used instead of this form.

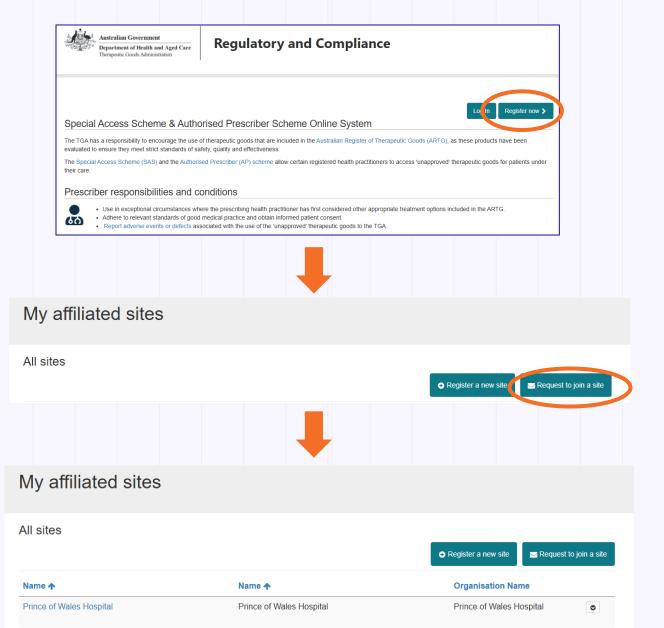
Please complete all required fields of this form electronically. Incomplete or handwritten forms will not be accepted.

### **Priority**

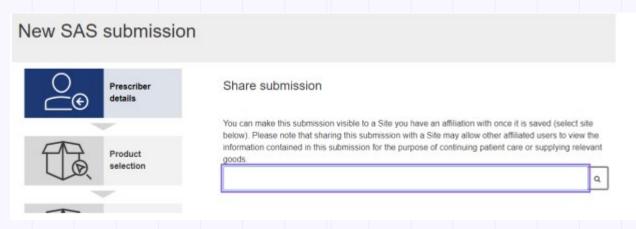
NOT URGENT: review at next Drug	g and Therapeutics Committee meeting □
URGENT: within 24 hours □ wit	ithin 1 to 3 working days $\square$ within 4 to 7 working days $\square$
Please justify reason for clinical	urgency:
Patient details	
Patient name:	MRN:
Date of Birth:	Weight:
ocation (hospital/ward/clinic):	
s this patient's area of residenc	ce outside SESLHD?
Product Profile	
Australian approved (generic) name	
Trade name	

# **Special Access Scheme (SAS)**

- Supply of medications not licensed by the TGA
- Must obtain patient consent prior to use
- Category A
  - Medications that are for seriously ill patients or life-threatening conditions
  - Pharmacy can supply the medication immediately
- Category B
  - Medications that do not fit Category A or C
  - Pharmacy cannot supply until TGA approval received
- Category C
  - Medications with an established history of use
  - Pharmacy can supply medication immediately if being used for the approved indication
- Applications must be submitted via the online portal: https://compliance.health.gov.au/sas/
- You will need to make an account and request to join 'Prince of Wales Hospital' as a site (ask the pharmacist to help you)



To submit a form, click on "SAS Dashboard" → New SAS Submission then follow the form.
 Ensure to press the magnifying glass to search and select "Prince of Wales Hospital" so it can be viewed by pharmacists to verify submission



- When SAS Cat A and C forms have been submitted, the status will say "TGA Completed" and these can then be supplied by pharmacy
- When SAS Cat B forms have been submitted, the status will initially say "Under TGA Review"
  - Once this status changes to "TGA Approved", it can be supplied by pharmacy



# **Clinical Business Rules**

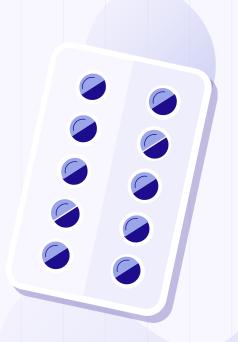
- Can be accessed via the intranet
  - SESLHD page > POWH page > Policies & Procedures
- Some examples of important drug policies:
  - Electrolyte replacement guidelines for general wards
  - Warfarin guidelines for prescribing, administration and monitoring
  - Heparin anticoagulation with intravenous heparin infusion
  - Surgery and medical procedures for patients with diabetes
  - Iron infusions
- Other useful webpages on the intranet
  - Antimicrobial stewardship antibiotics
  - Haematology anticoagulants

														$\equiv$	$\equiv$							
NSQHS Clinic	al Care Stand	lards V	/ebpag	je			POW	H Bus	iness	Rule	Docur	nent T	emplat	tes	P	OWH	Policy	/ Repo	rts			
SESLHD Polic Webpage	cies, Procedui	res and	Guide	liness			POWI	H Bus	iness	Rules	s out fo	or com	ment		Н	ow to i	navig	ate this	PO\	NH Po	olicy v	vebpage \
Documen Name	nt <sub>Ty</sub>	pe Here	е								earch efault		n	( (	□ s	ESLH	ID Po	Policies		i		
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oc No	Title														D	ocume	ent Typ	oe .	Publi	ish Dat	e Re	view Date
OWH CLIN173	Vaccinations a	and anti	microb	ial prop	hvlaxis	in pa	tients u	ındero	oina s	plened	ctomy -	in the	Gener	al Suro.	В	usiness	Rule		22/0	1/2024	02	/11/2024
ESLHDPR/268																rescribi	ing Pr	otocol	01/0	1/2024	01,	/01/2024
ESLHDPR/428															Pi	escribi	ing Pr	otocol	01/0	1/2024	01,	/01/2024
ESLHDPR/662	Responding e	lectroni	cally to	subpoe	ena rec	quests									Pi	rescribi	ing Pr	otocol	01/0	1/2024	01,	/01/2024
OWH/SSEH	Designated O						es								В	usiness	Rule		20/1	2/2023	01,	/12/2026
OWH CLIN207	Drug Allergy	Skin Tes	t												В	usiness	Rule		20/1	2/2023	01,	/12/2026
OWH CLIN206	Assessment a	nd Man	ageme	nt of Ab	domir	nal and	l Loin P	ain in	Adult	Patien	ts Pres	enting	to the	Emerg.	В	usiness	Rule		19/1	2/2023	01,	/06/2026
OWH CLIN203	Intraoperative	e Cell Sa	lvage –	in Rand	dwick (	Campu	ıs Oper	ating	Theatr	es (RC	OS) an	d Card	iothora	cic Th	. В	usiness	Rule		18/1	2/2023	01,	/11/2024
OWH CLIN119	Parenteral Nu	trition (	Home)	Dischar	ge Pla	nning									В	usiness	Rule		18/1	2/2023	01,	/12/2028
OWH CLIN176	Cough Assist	Machine	e - Use	of											В	usiness	Rule		18/1	2/2023	01,	/12/2028
OWH CLIN204	Transmitting of	of ECG u	ısing Pi	nilips Pa	geWri	ter TC	70 into	patier	nt elec	ronic	health	record	- In the	e POW.	В	usiness	Rule		18/1	2/2023	01,	/12/2028
OWH CLIN117	Nurse special	s and co	ntinuo	us obse	rvation	n in th	e gener	ral hos	spital						В	usiness	Rule		13/1	2/2023	01,	/12/2025
OWH/SSEH	Transfer of pa	tients fr	om Pri	nce of V	Vales H	Hospita	al (POW	/H) to	Sydne	y Sydn	ney Eye	Hospi	tal (SSE	H)	В	usiness	Rule		13/1	2/2023	01,	/12/2025
		rane of	Dange	rous Dn	ug Key	s for V	Vards ti	hat Cl	ose Ov	ernigh	nt and/	or on \	Neeken	nds	В	usiness	Rule		13/1	2/2023	01,	/12/2025
OWH CORP	DD Keys - Sto	nage or													р.	usiness	Pula		12/1			
	Voluntary Ass	-	ing (VA	AD) - Ad	lmissic	n Pro	cess for	patie	nts acc	essing	9				-	usiliess	Rule		13/1	2/2023	07,	/02/2024



02

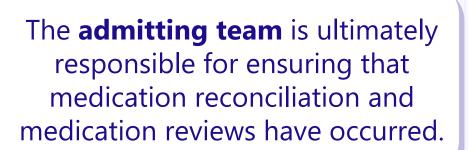
# Medication Reconciliation



The process of obtaining, verifying and documenting an accurate list of a patient's current medications and comparing this list to the admission, transfer or discharge medication orders.

Confirming that the medications that should be prescribed match those that have been actually prescribed. Transitions of care are especially prone to unintended changes and medication errors.





pharmacists
are here to
share the
responsibility



### SESLHD PROCEDURE



### Medication Management Roles & Responsibilities of Clinicians

SESLHDPR/267

# 10. APPENDIX A: SUMMARY OF ROLES AND RESPONSIBILITIES IN MEDICATION MANAGEMENT ON ADMISSION

Patient presents to hospital

Admission to treating team

Inpatient stay

Initial medical officer to review patient

(OR Pharmacist, NP or Authorised Clinician).

- Take initial medication history & document in Document Medication by Hx section of eMR.
- Completing the checkbox to indicate if further verification of the medication history is required.

Leave Med History Incomplete - Finish Later

Document History

- Authorised prescribers only: Utilise Admission Reconciliation function to chart any medications required that the patient was taking at home.
- Document in eMR notes, the reason for any medication changes.
- High risk/complex patients complete referral to pharmacy if BPMH not achievable during initial review.

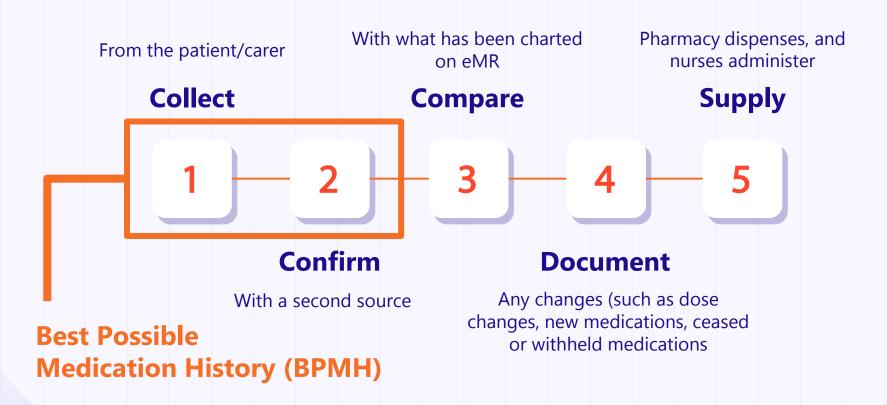
### Medical Officer - Admitting Team

- Checkpoint 1: Within 24 hours of admission, review the medication history & reconciliation status & plan for completion if not already achieved.
- If medication history is incomplete or not done, either complete a BPMH or refer to pharmacy if high-risk/complex patient and unable to complete.
- Utilise the Admission Reconciliation function to make any required changes to the medication chart based on updated medication history.
- Checkpoint 2: Monitor BPMH/Med Rec referrals made to pharmacy and follow up to ensure completion within one working day.

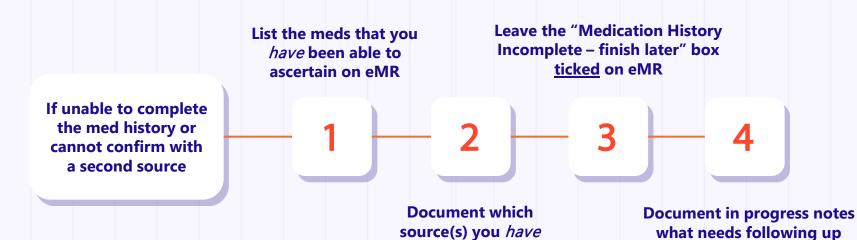
### Medical Officer - Admitting Team

- Regularly review the medication chart for all admitted patients under their care
- Document completed medication reviews
- Document & action decisions relating to medication recommendations made by other clinicians (e.g. pharmacists)
- Respond to changes in medication related risk by:
- Completing a medication review and/or
- Referring to pharmacy for highrisk/complex patients
- Checkpoint 3: Monitor Medication Review referrals made to pharmacy and follow up to ensure response or completion within 24 hours.

# **Medication Reconciliation**



# **Unable to obtain a BPMH?**



used

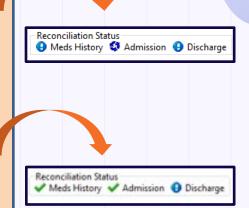
(e.g. you could ask the pharmacist to complete the BPMH and med rec)



# Leave Med History Incomplete - Finish Later

**Leave ticked** – if further information/verification is needed. You can still prescribe on the medication chart. You can come back and complete the med history later or ask your pharmacist to help you.

Untick – if all information has been verified with at least TWO reliable information sources and no further information is required. Remember that BPMH = two sources of information.





03

Discharge Prescriptions



# **Discharge Prescriptions**

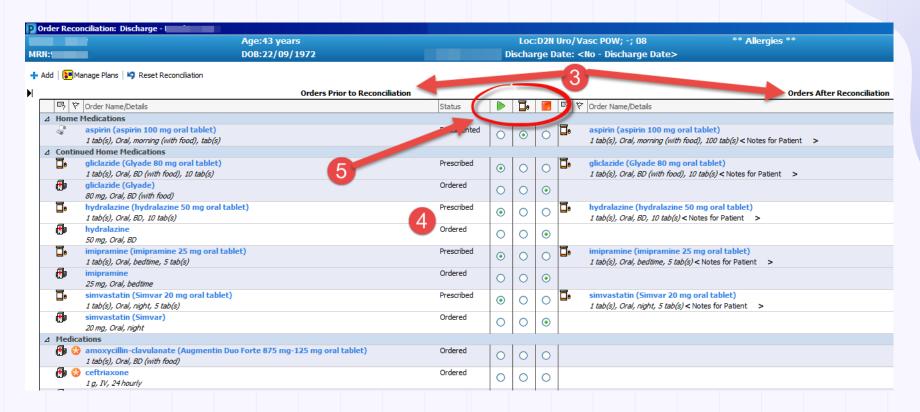
- Discharge prescriptions are generated from eMR
- Pharmacy requires two printed documents:
  - 1. POV2 scripts
    - → only meds that need to be supplied
  - 2. Medication list section of the discharge summary
    - → all meds needed to be listed (including home meds that are to be continued, even if we didn't chart them in hospital)
- Generally, up to 7 days supply of new medications or changed doses are given to the patient (default quantity on eMR). However there are exceptions.
- Include other relevant information where appropriate:
  - Stop dates (e.g. antibiotic course, short-term analgesics)
  - Tapering/titrating regiment (e.g. steroid weaning course)
  - When it should be reviewed by GP (e.g. electrolyte replacements, opioid analgesics for acute pain)

# **Discharge Prescriptions**

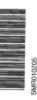
### Some exceptions:

- There may be times where you supply more than 7 days
  - Complete a short-term course (e.g. steroids, antibiotics, VTE prophylaxis after surgery, treatment phase of a VTE)
- Ensure that the required quantity is specified on the prescription
  - Pharmacists can legally supply a lower quantity to what is originally printed on the prescription, however they cannot supply more
  - A new prescription with the higher quantity would need to be generated by the doctor
- There may be times where you supply all the medications even if they are home medications
  - New admission to an aged care facility
  - Transfer to a rehab or private hospital
  - Patient has no supply left at home and cannot feasibly obtain more prescriptions/supply from their GP/community pharmacy

# Discharge reconciliation window



# POV script



2000	Name:				*
Facility: Prince of Wales Hospital Address/Phone: Barker Street, Randwick NSW 2031 (02) 9382 2222 Prov: 0010260H	Address: Phone: Medica			MRN:	
(00) 0000 0000	DOB:	Age: 88		Sex: Fe	
	Weight: 80.0kg	Height: 1		BSA: 1	
PRESCRIPTION	Pregnancy Status: Breastfeeding Stat			/ard/Clinic: P3E nc Type: DISCH	
Concession/DVA Number:	Financial Class: Private	0	Entitleme	ent Number:	
ALLERGIES: cephalexin, nitrofurantoin	, penicillin, trimethopri	m			
This is a Non PBS Prescription	Safety Net Entitle Card Holder	ement	Conces: Benefici	sional or Dependen ary or Safety Net C	t, RPBS oncessional
Prescribing Deta	ils	Qty	Rpts	Approval Number	Pharmacist Use Only
metformin (metformin 500 mg oral mo 1 tab(s) Oral in the evening with food Special Instruction: Swallow whole, Di chew tablet.	7 tab(s)	0	1		
Prescription ID: POW-2884309	501				
			_		

Prescribing Details	Qty	Rpts	Approval Number	Pharmacist Use Only
metformin (metformin 500 mg oral modified release tablet) 1 tab(s) Oral in the evening with food Special Instruction: Swallow whole. Do not cut, crush or chew tablet.	7 tab(s)	0	40	
Prescription ID: POW-2884309501				
paracetamol (paracetamol 500 mg oral tablet) 2 tab(s) Oral FOUR times a day	56 tab(s)	0		
Prescription ID: POW-2884310269				
rabeprazole (rabeprazole 20 mg oral enteric tablet) 1 tab(s) Oral ONCE a day	7 tab(s)	0		
Prescription ID: POW-2884310385				
sodium hyaluronate ophthalmic (Hylo-Forte 0.2% eye drops) 2 drop(s) Both Eyes FOUR times a day	1 bottle(s)	0		
Prescription ID: POW-2884310481			00	
telmisartan (telmisartan 80 mg oral tablet) . 1 tab(s) Oral in the morning a Dok Increased If	7/tab(s)	0	Telmisertary (Micardia) 80mg 2079544s (SUR'S UROVA:	
Prescription ID: POW-2884310499	3+2ps		Cry 3 Packs	1

\*

Prescriber N		Date: 20/01/2023
Prescriber #:	Pager #: 4	7 Y22 Clinic Unit: 02 %
Dispensed by: outily that I have received this natisfeeding.	Pharmacy Note:	Medication List Provided: Y Nor concessional pharmaceutical benefits is not false or
cartify that I have received this n		

# Discharge summary

Discharge Referral Note - eMEDs

Smith, Mr John MRN 1XXXXXX1

#### DOB 27/04/1945

- Community nursing for dressing changes
- Continue metformin 500mg nocte. If requiring further control of sugars, would recommend linagliptan
  as additional agent.
- Augmentin Duo Forte 1 tab BD for 5 more days for HAP
- Candesartan, frusemide and spironolactone ceased GP to kindly review need to restart
- Follow up with Dr BB (endocrinology) in diabetes clinic in February will call with time for appointment

The above has been discussed with the patient and acknowledged.

Thank you for your continued care.

Regards,

Dr XX XX

Junior Medical Officer

Cardiology Department

Prince of Wales Hospital

#### Discharge Plan

The Hospital may have supplied small quantities of new or changed medications

#### Medications being taken on discharge

Amoxicillin-clavulanate (Augmentin Duo Forte 875mg-125mg oral tablet) 1 tab, oral, TWICE a day with food until 1/1/2021

Metformin (metformin 500mg oral tablet) 1 tab, oral, ONCE a day with food

 $\textbf{OxyCodone} \ ( \textbf{OxyNorm 20mg oral capsule}) \ \textbf{1} \ \text{cap, oral, TWICE a day, PRN for breakthrough pain for 3 days only}$ 

Paracetamol (Panadol 500mg tablet) 2 tabs, oral FOUR times a day for pain relief

Medication previously recorded that has not been reviewed this visit

N

Medication ceased during this admission

Candesartan (candesartan 16mg tablet)

Furosemide (Lasix 40mg tablet)

Spironolactone (Aldactone 25mg tablet)

Completed Action List:

\*Perform by XX XX (JMO) on 28 December 2020

Printed by: XX XX

Page 2 of 2

Printed on 28/12/2020 11:22

(continued)

# PBS script

SESLHD Northern Sector	/ Sydney Children's Hospitals Network - Randwick
	tal and Community Health Service 2222 (Provider Number 0010260H)
☐ Sydney Hospital and S	ydney Eye Hospital
☐ Sydney Children's Hos	iB2 7111 (Provider Number 0010500H)  pital Barker St, Randwick Ph: 9382 6111  in (Provider Number 0012870J)  Provider Number 0010070L)
Prescriber's Name	I Forg
121	(Surhame) 34567 Pager/Ext No. 4444
Prescriber No	Pager/Ext No.
9 8	765432111
	MEDICARE NUMBER
PHARM	ACEUTICAL BENEFITS ENTITLEMENT NUMBER
SAFETY NET ENTITLE	MENT CONCESSIONAL OR DEPENDENT RPBS BENEFICIARY
CARD HOLDER (Cros	- 4 / 1 / 5
PATIENT'S NAME	John Smith (DOB: 01/01/1950)
ADDRESS / Add	ress St, Randvich AJSW
	POST CODE 203/
PBS RPBS (lick appropriate boxes)	BRAND SUBSTITUTION NOT PERMITTED
	Fuzzenide 40mg
	Furosemide 40 mg 2 tablets bd (mune + midi)
	2 dablets by (mane & midi )
	PHARMACEUTICAL PRESCRIPTION PHARMACEUTICAL PRESCRIPTION
	×28 tabs
	nil repeats
	11.1 10/0013
	PHARMACEUTICAL PRESCRIPTION PHARMACEUTICAL PRESCRIPTION
tru peretal altered apple	
PRESCRIBER'S SIGNATU	JREDATE: 24/ 1/ 23
PRIVACY NOTE SEE OVER DECLARATION: I certify that I have concessional pharmaceutical bene	received this medication and the information relating to any entitlement to free or tits is not false or misleading.
Date of Supply	Patient's or Agent's Signature
Date of Cuppiy	

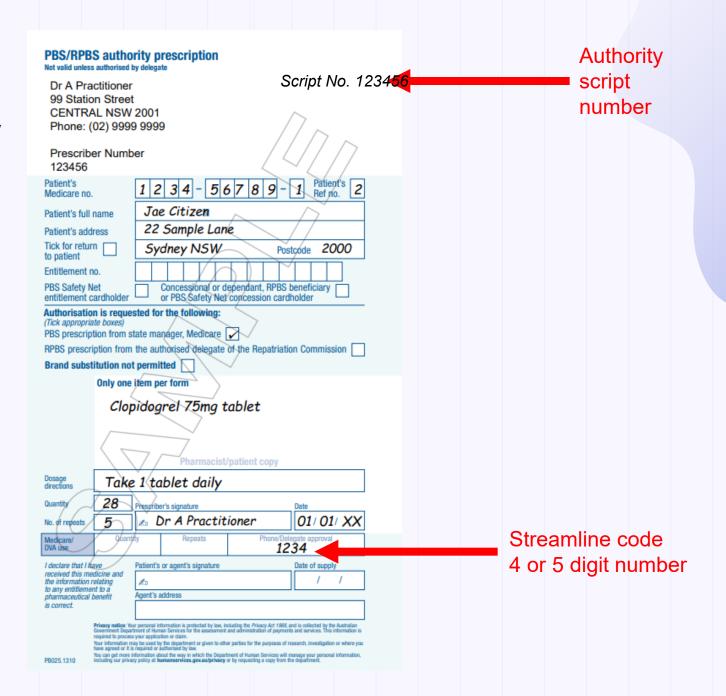
PBS prescriptions ("outside scripts") can be given to the patient to get filled at a community pharmacy, such as when:

- hospital pharmacy is unavailable (after hours)
- discharge meds are not complicated, and patient capable of self-managing

Check PBS website to see what is subsidised ww.pbs.gov.au

Note: these prescriptions can be used for PBS and non-PBS meds

# PBS authority script



## **Lyrica 75mg Capsules 56**

Drug Name: pregabalin Product ID: 2521326

### **SELECT A PRESCRIPTION**

IMPORTANT NOTE: A VALID AUSTRALIAN PRESC POST BEFORE THIS ITEM CAN BE SHIPPED LEA

PRIVATE PRESCRIPTION PRICE

(i) Learn more

\$13.99

ADD TO CART

### Xarelto 20mg Tablets 28

Drug Name: rivaroxaban Product ID: 2632855

### **SELECT A PRESCRIPTION**

IMPORTANT NOTE: A VALID AUSTRALIAN PRE POST BEFORE THIS ITEM CAN BE SHIPPED LI



Speak to a Qualified Online within 15 Mi

PRIVATE PRESCRIPTION PRICE

Learn more

\$56.99



For medications subsidised by PBS:

- General patients: \$31.60
- Concession patients: \$7.70

# PBS S8 script

SESLHD Northern Sector /	Sydney Children's Hospitals Ne	twork - Randwick
Prince of Wales Hospital Barker St, Randwick Ph: 9382 22	l and Community Health Ser 22 (Provider Number 0010260H)	N 812985
Sydney Hospital and Syd	dney Eye Hospital 2 7111 (Provider Number 0010500F	0 = = 0 0
Sydney Children's Hosp High St, Randwick Ph: 9382 111	ital	☐ Royal Hospital for Women Barker St, Randwick Ph: 9382 6111 (Provider Number 0010070L)
Prescriber's Name	L Fong als) (Suxplame)	
Prescriber No. 1234	567	Pager/Ext No. 44 Y44
98	7 6 5 4 3 2 MEDICARE NUMBER	
PHARMA	CEUTICAL BENEFITS ENTITL	EMENT NUMBER
SAFETY NET ENTITLEM CARD HOLDER (Cross I	NENT CONCESSI	ONAL OR DEPENDENT RPBS BENEFICIARY / NET CONCESSION CARD HOLDER
1	arge O' Muller	(DOB: 13/06/1930)
ADDRESS 23 Hin	h St, Randinis	1
0	,	POST CODE 203/
PBS RPBS	2	ITUTION NOT PERMITTED
	Oxyrom	Img/m ( liquid
	oral 5mL	4-howly pra
	PHARMACEUTICAL PRESCRU	PTION PHARMACEURICAL PRESCRIPTION
	break through	pun
	max 30m	L/24 hrs
		nil repeats
	PHARISACEUTICAL PRESICIE	, -
to recomply tribs	50mL	(fifty mL)
a representation of the original property and the original to		Note that the state of the stat
		Alleger and the property of the control of the con-
PRESCRIBER'S SIGNATULE PRIVACY NOTE SEE OVER	RE SS	DATE: 24 (/ 23
		ation relating to any entitlement to free or
Date of Supply	- Ba	tient's or Agent's Signature
Date of Supply	Pa	neils of Agent's olgheithe
S0348 080917	Agent's Address	

S8 medications must be written on their own separate prescription, and only one S8 product per prescription

The quantity must be written in words and numbers

# POV S8 script



Max 200 m/2000

				land Pile	86661				
PRESCRIPTION *ONLY VIII	id for supply	to hospital patient	e at this H	ospitai Phai	macy 0 0 0 0 1				
Barker St, Randwick Ph: 9382 6111 (Provider Number 0010070L)	Barker St, Randwick Ph: 9382 6111 Community Presents Get Viv.  (Provider Number 0010070L) Barker St, Randwick Ph: 9382 2222 (Provider Number 00102870J)  (Provider Number 00102870J) (Provider Number 00102870J)  (Provider Number 00102870J) (Provider Number 00102870J)								
MRN 12345 H	patient label u	sed, clinician to pr	int patient	name and o	hock label correct				
FAMILY NAME SMITH		GIVEN NAME(8		57					
ADDRESS   ADDRES	S. 3	T KA	NDV		0 0				
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# **Outpatient script**

If working in clinics, you may also need to write outpatient scripts that patients are to get filled at outpatient pharmacy

- S100 HSD meds
- Certain non-PBS meds

Most of these meds are only subsidised in a hospital outpatient pharmacy. Scripts may be invalid in the community.

For S100 meds, check the PBS website for:

- 4 digit streamlined authority number
- maximum allowable quantity and repeats



04

Pharmacy Services



# What do pharmacists do?

### **Clinical**

- BPMH and med rec
- Chart reviews
- Patient education
- Facilitating discharges

### Manufacturing

### **Drug enquiries**

- Drug interactions
- Dosing (e.g. in renal impairment)
- Therapeutic drug monitoring



### **Education**

- Nurses
- Doctors
- Allied health

Medication supply and distribution

### **Medication safety**

- Audits
- Committees
- Ward rounds

**Research projects** 

**Clinical trials** 

# **Pharmacy Service**

High Risk – Proactive Pharmacy Service	Other Risk – Referral Based Pharmacy Service
Geriatrics	Acute Surgery
Respiratory Medicine	Colorectal Surgery
Cardiology	Neurosurgery
Intensive Care Unit	Vascular Surgery
Orthopaedics	Plastic Surgery
Renal Medical	Oncological Surgery
General Surgery/Upper GI Surgery	Ophthalmology
Cardiothoracic Surgery	Oral and Maxillofacial Surgery
Infectious Diseases	Urology
Neurology	Ear, nose and throat surgery
Medical Oncology	Palliative care
Gastroenterology	Endocrinology
Haematology	Neurointervention
Acute Spinal Medicine	Rheumatology
Psychiatry	Dermatology
,,	Immunology
	Spinal Rehabilitation
	General Rehabilitation
	Geriatric Rehabilitation
	Mental Health Rehabilitation
	Aged Psychiatry
	Neuropsychiatry

# Specialty based model

- Proactive
- Referral only

### **Exceptions:**

- ED
- ICU
- CAU

- Order a pharmacy consult regardless of the patient's specialty.
- Ordering a pharmacy consult is especially important for high risk patients who are admitted under a 'referral only' specialty
- Consults can be ordered on the weekend as well

#### Referral Criteria for Pharmacist Medication History / Reconciliation

- 1. Patients to be admitted or admitted as an inpatient (LOS > 24 hours anticipated), AND
- 2. Initial and/or admitting clinician unable to complete BPMH due to complexity, AND
- 3. Patient has 1 or more risk factors (see below table for examples)

#### Referral Criteria for Pharmacist Medication Review

Patient has 1 or more risk factors (below table for examples)

Patient Risk Factors	Medication Risk Factors
3 or more chronic comorbidities	High-Risk Medicine Groups:
Acute confusion/delirium	Anti-infectives
Acute Kidney Injury or CKD with eGFR<30mL/min/1.73m2	Potassium and electrolytes
Atrial Fibrillation	Insulin
Epilepsy	Narcotics (opioids and sedatives)
Liver dysfunction	Chemotherapeutic agents
Parkinsons Disease	Heparin and other anticoagulants
Pregnant/Breastfeeding	Cannabis products
Swallowing Difficulties	Clozapine
Transplant	Lithium
	Methotrexate or other immunosuppressants
	Opioid Treatment Program

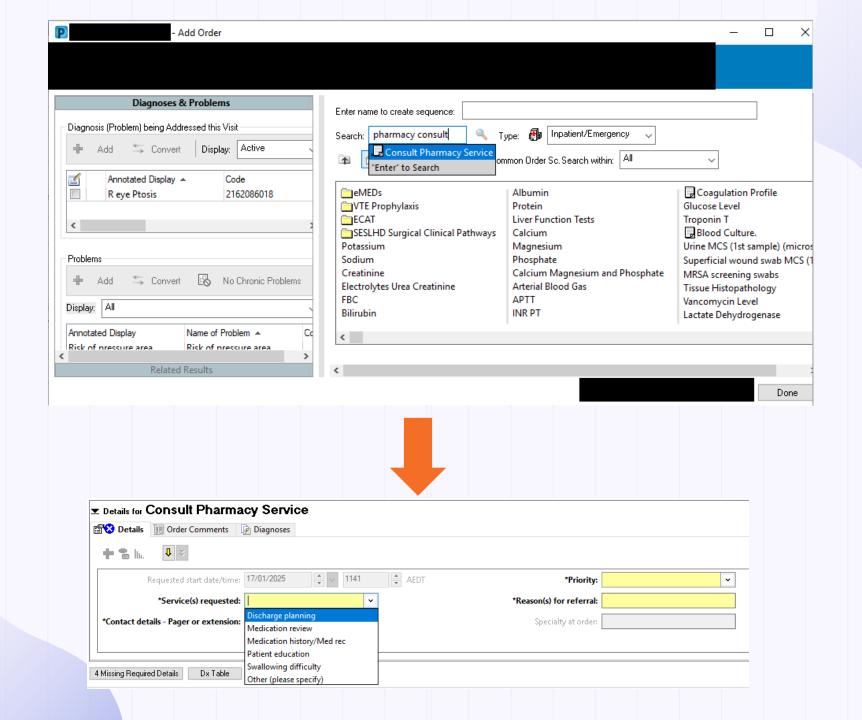
#### Business Hours (Monday to Friday, 08:30 to 17:00 hrs)

Consults will be completed within 24 hours, or the referrer will be contacted. If <u>URGENT</u> review required, **please page the relevant ward/specialty Pharmacist in addition** to completing the referral.

### Saturday, Sunday and Public Holidays

Consults will be completed within 24 hours on Saturday and Sunday, or the referrer will be contacted.

If <u>URGENT</u> review required, **please page the Medication Management Team Pharmacist on 40963 in addition** to completing the referral.

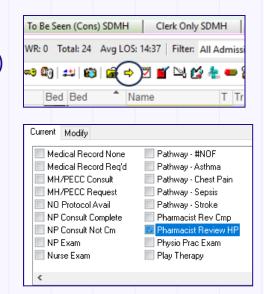


# Ordering a pharmacy consult on FirstNet (in ED)

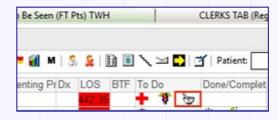
From the FirstNet Whiteboard click on the patient you want to refer then...

Click on the Set Event icon (yellow arrow)

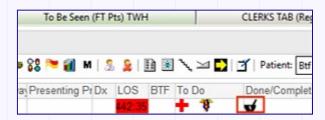
 A pop up box opens → tick the box for Pharmacist Review HP then click OK



 A Pharmacist Review HP icon (mortar & pestle) appears in the 'To Do' column. Once the pharmacist has completed their review, they will complete the referral and it will move to the Done/Complete column:







# **POWH Pharmacy Department**

- Pharmacy Department is located on Level 2, Clinical Sciences Building (near the High St entrance, between the Parkes and Dickinson Buildings)
- Main operations are Monday to Friday (Inpatients 8:30am-5pm, Outpatients 9am-4pm)
- Give discharge scripts to you pharmacist by 3pm for same day discharge on weekdays
  - If you don't know who is covering your specialty, then send the script to pharmacy
  - Preparation time varies depending on the day but can be 2 hours
  - At least 24-hours notice required for patients on Webster packs as we need to liaise with their regular community pharmacy to update their pack
  - At least 24-hours notice required for patients discharging on antibiotic infusors
  - If patient is discharging over the weekend, try to have discharge meds organised during the week
- Weekend service
  - Dispensary (inpatient supply and urgent discharge supply) Saturday only
  - Clinical cover in ED Saturday and Sunday
- If your regular pharmacist is on leave, there will be another pharmacist relieving and they will be carrying the same pager
- On-call pharmacist available after hours 5pm-8:30am
- When you start your rotation, get to know your specialty/ward pharmacist
  - Decide on preferred method of communication
  - Spend some time going through any specialty/unit specific information with them

# **Thanks**

If any questions, please email me: ian.fong@health.nsw.gov.au

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