

05 APPENDICES

5.1 SCHEDULE OF ACCOMMODATION

Indicative Schedules of Accommodation (SOA) for a Pathology Unit are provided in the following tables. The recommended area allocations for specimen collection services are included separately given they are frequently provided in ambulatory care / hospital outpatient areas (separate to the Pathology Unit).

The area recommendations for the Pathology Unit are based on three scenarios as described below.

Area allocations are indicative only and will need to be adjusted, in consultation with the local pathology service, to suit the scope of services being delivered, networking arrangements and unit location, the volume of activity, level of automation being implemented, and the required staffing profile.

- Scenario 1: Pathology Unit within a Small Hospital – this scenario relates to Australian Hospital Peer Group C hospitals, and Level 3 pathology services as per the NSW Health Guide to the Role Delineation of Clinical Services (2019). It is assumed that basic haematology, transfusion services and chemical pathology services only are provided.
- Scenario 2: Pathology Unit within a Medium Hospital – this scenario relates to Australian Hospital Peer Group B hospitals, and Level 4 pathology services as per the NSW Health Guide to the Role Delineation of Clinical Services (2019). The Unit will provide core laboratory services and may provide microbiology and limited anatomical pathology (frozen sections).
- Scenario 3: Pathology Unit within a Large Hospital – this scenario relates to Group A Hospital Peer Groups and Level 5 pathology services as per the NSW Health Guide to the Role Delineation of Clinical Services (2019). The indicative area allocations align with a major regional referral hospital, as the 'hub' of a pathology network, providing specialised services for smaller laboratories across the network. It will provide a comprehensive range of pathology services and support for clinical trial and research activities. Pathology Units within major regional hospitals often provide a broader range of services than Units within major metropolitan hospitals given the distance to higher level laboratories within metropolitan areas.

Due to the complex nature and specialisation of higher level Pathology Units, e.g. within Principal Referral Hospitals, they are not included in the scenarios below. Area requirements will need to be developed on a project by project basis to reflect the range of services / specialist laboratories provided, role within the network and associated equipment and workforce requirements. For state-wide referral laboratories, it is recommended that early planning should assume a minimum area requirement of 5,000m².

The 'Room / Space' column describes each room or space within the Unit. Some rooms are identified as 'Standard Components' (SC) or as having a corresponding room which can be derived from a SC. These rooms are described as 'Standard Components –Derived' (SC-D). The 'SD / SD-C' column identifies these rooms and relevant room codes and names are provided.

All other rooms are non-standard and will need to be briefed using relevant functional and operational information provided in this HPU.

In some cases, Room / Spaces are described as 'Optional' or 'o'. Inclusion of this Room / Space will be dependent on a range of factors such as operational policies or clinical services planning.

5.1.1 Outpatient Specimen Collection

Outpatient specimen collection services may be located within an Ambulatory Care / Outpatients Department or colocated with the Pathology Unit. For small pathology services, specimen collection is typically located with the Pathology Unit to facilitate staffing efficiencies with staff working across both areas, however for larger pathology services, specimen collection is typically located with ambulatory care for ease of patient access.

The SOA below assumes the provision of a two to three bay specimen collection unit. Optional area requirements for enclosed specimen collection rooms, e.g. to support paediatric services, are noted. A range of additional optional areas are included, however these would only be required for larger services where the activity justifies dedicated support areas rather than sharing with adjacent units.

Access to staff amenities, including lockers and toilets will be required, and is assumed to be shared with an adjacent department within the scenario below.

AusHFG Room Code	Room / Space	SC / SC-D	Qty	m2	Remarks
WAIT-10	Waiting	Yes	1	8	
RECL-10	Reception / Clerical	Yes	1	10 (o)	Optional. May be shared with adjacent service.
BMFD-3	Bay - Multifunction Device	Yes	1	3 (o)	Optional. May be shared with adjacent service.
SPECC	Specimen Collection Bay	Yes	2	9	
BHWS-B	Bay - Handwashing, Type B	Yes	1	1	
	Specimen Collection Room		1	12 (o)	Optional, depending on service requirements. Assumes an enclosed room with basin. May require dual egress depending on jurisdictional policies and risk assessment. Paediatric services will require access to bed and chair (or combined treatment recliner) and fit out / technology to support patient distraction. Includes handwash basin.
WCPT	Toilet - Patient	Yes	1	4	Specimen collection. 6m2 if accessible access required. May have pass-through hatch.
CLN-10	Clean Store	Yes	1	9	For storage of consumables. Includes underbench fridge for glucose tolerance drinks.
BMEQ-4	Bay - Mobile Equipment	Yes	1	4	Phlebotomy trolleys. May be combined with clean store to support workflow of stocking trolleys with consumables.
BPTS	Bay - Pneumatic Tube	Yes	1	1 (o)	Optional, depending on location and hospital- wide approach. Bench space for packing may be required depending on workflows.
BPATH	Bay - Pathology	Yes	1	3 (o)	Optional, depending on scope of services provided.
BLIN	Bay - Linen	Yes	1	1 (o)	Optional, depending on opportunity to share with adjacent department or use of disposable linen.
CLUP-7	Clean -Up Room	Yes	1	7 (o)	Optional, depending on opportunity to share with adjacent department. Includes area to wash and dry tourniquets and dirty linen skip.
	Discounted Circulation		32%		

5.1.2 Pathology Unit

The specimen / visitor (staff and courier) reception and pre-analytical zones are usually combined to support efficient workflows. The pre-analytical zone should also be continuous with the core laboratory.

Reception / Pre-Analytical Zone

AusHFG Room Code	Room / Space	SC / SC-D	Scenario 1		Scenario 2		Scenario 3		Remarks
			Qty	m2	Qty	m2	Qty	m2	
RECL-12	Reception - Visitor and Specimen	Yes			1	12	1	20	Includes specimens delivered via staff, couriers and pneumatic tube.
	Pre-Analytical Zone		1	12	1	20	1	35	Area must be continuous with the Core Laboratory to support optimal specimen workflows.
	Discounted Circulation		32%		32%		32%		

Laboratories

The recommended laboratory areas noted below are indicative only and provided to assist with the early stages of planning. Actual area requirements will need to be developed on a project by project basis to reflect the role of the Unit within the network, the scope of services provided, the level of automation being implemented and the projected volume of activity.

AusHFG Room Code	Room / Space	SC / SC-D	Scenario 1		Scenario 2		Scenario 3		Remarks
			Qty	m2	Qty	m2	Qty	m2	
	Laboratory - Core		1	50	1	90	1	240	At a minimum the core lab will include transfusion services, haematology and chemical pathology. Area allocations noted are indicative and will depend on the role of the unit within the network, volume of activity and analyser capacity. For Scenario 3 the recommended area is based on a major regional referral hospital of approximately 450 beds. Actual area requirements will depend on local service requirements. Includes area for new equipment commissioning, handwash basins, emergency shower/eye wash, fridges, freezers and other storage.
	Laboratory - Microbiology				1	30 (o)		100	Optional if the service cannot be provided in a timely manner by a higher level networked service. Areas are indicative only, actual requirements will depend on the volume of activity.
	Laboratory - Anatomical Pathology				1	30 (o)		200	Optional if the service cannot be provided in a timely manner by a higher level networked service. Areas are indicative only, actual requirements will depend on the volume of activity.
	Discounted Circulation		32%		32%		32%		

Support Areas

AusHFG Room Code	Room / Space	SC / SC-D	Scenario 1		Scenario 2		Scenario 3		Remarks
			Qty	m2	Qty	m2	Qty	m2	
	Store - Cool Room / Refrigerators/ Freezers		1	6	1	12	1	20	Specimens and reagents.
CLN-10	Clean Store	Yes	1	6	1	12	1	30	Consumables store. May require additional capacity to store clinical trolleys depending on operational arrangements. May be combined with general store for efficient use of storage.
STGN	Store - General	Yes			1	14	1	20	May be combined with clean store for efficient use of storage. Floor loading will need to be considered if a compactus is being provided.
	Store - Flammable Liquids		1	2	1	3	1	5	
CLUP-7	Clean-Up Room				1	7	1	10	Clean up functions included in core laboratory area allocation for small unit.
CLRM-5	Cleaner's Room	Yes			1	5	1	5	May be shared with collocated departments for small and medium sized units.
DISP-8	Disposal Room	Yes			1	8	1	8	Assume disposal room is shared with adjacent department for smaller unit. May be shared with collocated departments for medium sized units.
AHBBF	After-Hours Blood Fridge		1	8	1	10			Collocate with the blood bank. Secure but accessible after hours for emergencies. Not included in large hospital unit given 24/7 pathology access.
	Discounted Circulation		32%		32%		32%		

Staff Areas

AusHFG Room Code	Room / Space	SC / SC-D	Scenario 1		Scenario 2		Scenario 3		Remarks
			Qty	m2	Qty	m2	Qty	m2	
OFF-S9	Office - Single Person, 9m2	Yes	1	9		9		9	The number of staff work areas will depend on local requirements based on the staff profile and local jurisdictional policies. Pathology reporting will require quiet work areas. Larger sized offices may be required to support teaching and training requirements and accommodation of microscopes, depending on local policies. Include vision panel for oversight of labs.
	Office - Workstation, 5.5m2					5.5		5.5	The number of workstations will depend on local requirements based on the staff profile and local jurisdictional policies.
BMFD-3	Bay - Multifunction Device	Yes			1	3		3	
MEET-L-15	Meeting Room, 15m2	Yes			1	15	1	15	Meeting room size is indicative and will depend on local requirements.
MEET-L-30	Meeting Room, 30m2						1	30	Meeting room size is indicative and will depend on local requirements.
BBEV-OP	Bay - Beverage, Open Plan, 4m2	Yes	1	3					Supports 24/7 access for staff. Requires oversight of the laboratory. Must be external to PC2 facility where provided.
SRM-15	Staff Room				1	12	1	20	Supports 24/7 access for staff. Indicative area noted, requirements will depend on the staff profile. Requires oversight of the core laboratory. Must be external to PC2 facility where provided.
BPROP	Bay - Property, Staff	Yes			1	1	1	3	Smaller units will require shared access to staff amenities.
SHST	Shower - Staff, 3m2	Yes			1	3 (o)	1	3	Optional.
WCST	Toilet - Staff, 3m2	Yes			2	3	4	3	Indicative, number will depend on staff profile. Smaller units will required shared access to staff amenities.
	Discounted Circulation		25%		25%		25%		