

05 APPENDICES

5.1 SCHEDULE OF ACCOMMODATION

A Schedule of Accommodation follows for medical imaging services.

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 'SC/SC-D' column identifies these rooms and relevant room codes and names are provided. 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.

Information to inform planning is included in the Schedule of Accommodation for a:

- main medical imaging department
- IR /INR unit
- emergency department medical imaging satellite unit, and
- ambulatory care medical imaging satellite unit.

The model of care, size and scale of medical imaging services will need to be determined before detailed spatial planning can begin.

The application of the schedule of accommodation below will require confirmation of the type and quantity of modalities required through detailed clinical services planning. In addition, the allocation of reception, staff work areas and staff amenities will be informed by workforce planning.

Information relating to medical imaging required to support surgical and procedural services is contained in HPU 270 Day Surgery / Procedural Unit and HPU 520 Operating Unit.

MAIN IMAGING DEPARTMENT - ENTRY / RECEPTION / CLERICAL

Each department/unit will have central reception and clerical area which may be shared with other departments or units.

Space has not been provided for film storage as it is assumed hard copy images are not a feature of a contemporary medical imaging unit.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC D	Qty	m2	REMARKS
WAIT-20	Waiting	Yes	1	20	Area allocation is indicative. Requirements will depend on the relative mix of outpatient vs inpatient services being provided by the imaging unit. 1.2m2 required per seat, 1.5m2 per wheelchair space. Consider collocation of meeting room to used for overflow eg for pandemic preparedness.
BWTR	Bay - Water Fountain	Yes	1	1	With capacity to fill cups or water bottles.
PLAY	Play Area - Paediatric	Yes	1	10	Assumed to be shared with adjacent department for smaller services.
WCAC	Toilet - Accessible	Yes	1	6	Assumed to be shared with adjacent department for smaller services
WCPU	Toilet - Public	Yes		3	Numbers will depend on the size of the unit.
RECP-10	Reception, 10m2	Yes	1	10	Assumes 1 staff member; to be adjusted depending on the staff profile. Must be wheelchair accessible. Locate collocated clerical area to support staff working in reception.
OFF-2P	Office - 2 Person		1	12	For clerical and booking staff and related equipment. Area to be <u>adjusted depending on the staff profile</u> .
CONS	Consult Room	Yes	1	12 (o)	Optional. Typically required for larger services and/or where IR / INR services are provided. Assumed to be shared with adjacent department for smaller services. Additional consult rooms will be required to support outpatient IR/INR services.
INTV	Interview Room	Yes	1	12	Assumed to be shared with adjacent department for smaller services.
BMEQ-4	Bay - Mobile Equipment	Yes	1	4 (o)	Optional. May be required for small services only. For larger services it is assumed that storage bays with power and data are provided close to clinical services where they are used, e.g. ICU.
	Discounted Circulation			25%	

5.1.1 Main Imaging Department Modalities

GENERAL X-RAY AND FLUOROSCOPY

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC D	1 X-Ray without Fluoro (m2)		1 X-Ray with Fluoro (m2)		2 X-Ray with Fluoro (m2)		4 X-Ray with Fluoro (m2)		REMARKS
			Qty	m2	Qty	m2	Qty	m2	Qty	m2	
GENXR	General X-Ray Room	Yes	1	38	1	38	2	38	4	38	Includes control console space.
OPG	OPG Room			-		19 (o)		19 (o)		19 (o)	Optional. OPG, where provided, may be collocated with another room such as general x-ray. Where high use is anticipated, a separate room may be preferred. Area allocation will accommodate OPG, Lateral Cephalogram and Cone Beam CT with minor adjustments to room design to suit equipment and shielding requirements.
GENXR- OPG	General X-Ray / OPG Room				45 (o)		45 9o)		45 (o)		Optional. Combined modality room
FLUO	Fluoroscopy Room	Yes		-	1	40	1	40	1	40	Given traditional fluoroscopy activity has significantly declined in recent years, most facilities will also incorporate general x-ray within fluoroscopy rooms. This is reflected in AusHFG Standard Component FLUO. Many of these rooms will also be used for interventional work and will require associated support areas - refer to IR/INR SOA for further details.
FLUOC	Fluoroscopy Control Room			-	1	13	1	13	1	13	Attached to Fluoroscopy Room.
BMEQ	Bay - Mobile Equipment	Yes			1	2	1	2	1	2	For accommodation of barium swallow chair, and other mobile equipment.
ENS-ACC	Ensuite – Accessible	Yes		-	1	7	1	7	1	7	Dual access from Fluoroscopy Room and corridor. Include area for patient to change.
CHPT	Change Cubicle – Patient	Yes		-	1	2	2	2	4	2	One cubicle per imaging room (excluding OPG). Final requirements will depend on patient casemix and volume of inpatients vs outpatients.
CHPT - AC	Change Cubicle – Patient, Accessible	Yes	1	4	1	4	1	4	1	4	
WCPT	Toilet – Patient	Yes	1	4	1	4	1	4	1	4	
BLIN	Bay - Linen	Yes	1	2	1	2	1	2	1	2	
	Bay – Lead Aprons		1	0.5	2	0.5	3	0.5	5	0.5	Storage outside of each imaging room (excluding OPG) for lead apron. Alternatively they can be stored in the room.
	Radiographer Work Area		1	16	1	24	1	30	1	36	Centrally located radiography work hub with workstations (dual monitors), storage for manuals and detectors, and area for coordination of workflow, clinical discussions / teaching with medical, radiography, nursing staff and students. May be an open area / zone however needs to support private conversations away from patients.
PT-HOLD- B	Patient Bay – Holding, Bed	Yes		9 (o)		-					Optional. Include where a separate holding / recovery zone is not provided. Must be in a location for supervision by staff.
DTUR-10	Dirty Utility	Yes	1	10 (o)		-		-		-	Optional. Include where a separate holding / recovery zone is not provided.
	Discounted Circulation			37%		37%		37%		37%	

ULTRASOUND AND MAMMOGRAPHY

A breast assessment service is not included in the schedule of accommodation below, however some of the components listed in the following tables may be used as a starting point.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	1 US Room (m2)		2 US Rooms (m2)		3 US Rooms + 1 Procedure Room + 1 Mammo (m2)		4 US Rooms + 1 Procedure Room +1 Mammo (m2)		REMARKS
			Qty	m2	Qty	m2	Qty	m2	Qty	m2	
WAIT-S	Waiting - Sub	Yes	1	5	1	8	1	10	1	10	Assumed patients are waiting and are changed. Need to consider location for supervision by staff.
BWTR	Bay - Water Fountain	Yes		Share	1	1	1	1	1	1	
	Patient Locker Bay			-	1	1 (o)	1	1 (o)	1	1 (o)	Optional. Operational process may be for patients to take clothes / possessions with them. Where provided, collocate with changed wait.
ULTR	Ultrasound Room	Yes	1	16	2	16	3	16	4	16	Number of rooms adjusted to suit service plan.
WCPT	Toilet - Patient	Yes					1	4	2	4	Close access to toilets is essential. Some ultrasound rooms will require a dedicated toilet or one toilet may be shared between 2 rooms, depending on case mix and layout. Combined toilet / change areas may be provided. Many patients will change within the ultrasound room assuming provision of privacy curtain.
WCAC	Toilet - Accessible	Yes	1	6	1	6	1	6	1	6	
ULT-PR	Ultrasound Room - Procedures	Yes					1	20	1	20	For interventional procedures. Recovery from ultrasound procedures is recommended to be in the combined holding / nursing recovery area for all interventional imaging procedures.
	Ultrasound Reprocessing Room		1	7	1	7	1	7	1	7	For high level disinfection of ultrasound transducers. Refer to Section 2.2.8 in the HPU for further information.
MAMMO	Mammography Room	Yes		-	1	18 (o)	1	18 (o)	1	18 (o)	Optional. Not all Units offer a mammography service, inclusion will be subject to the service plan. Number of rooms adjusted to suit service plan. Room size supports access for a bed given most hospital mammography rooms are used for procedural services. For screening services only 16m2 is sufficient.
CHPT	Change Cubicle - Patient	Yes	1	2 (o)	1	2 (o)	2	2 (o)	3	2 (o)	Optional. Many patients will change within the modality room assuming appropriate privacy provisions.
CHPT-AC	Change Cubicle - Patient, Accessible	Yes	1	4 (o)	1	4 (o)	1	4 (o)	1	4 (o)	Optional. Total one cubicle per ultrasound room.
BLIN	Bay - Linen	Yes	1	2	1	2	1	2	1	2	
	Sonographer Work Room		1	9		5.5		5.5		5.5	Per person. Benching. Radiography assistants are also typically located in this room.
REPW	Reporting Workstation			Use PACS workst ation		6		6		6	No. dependent on expected throughput. As a guide one workstation will likely be required for two-three ultrasound rooms, however additional will be required for training sites. An additional reporting station will be required for mammography.
	Prep Room / Lab			-		-	1	5	1	5	Ready access to mammography and reporting rooms. Provide where procedures are undertaken.
	Discounted Circulation			37%		37%		37%		37%	

CT

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	1 CT Rooms		2 CT Rooms		3 CT Rooms		REMARKS	
			Qty	m2	Qty	m2	Qty	m2		
CTIR	CT Imaging Room	Yes	1	45	2	45	3	45		
CTCR	CT Imaging Control Room	Yes	1	16	2	16	3	16	If shared is preferred, refer to space allocation below. A larger control room will be required where the CT is supporting trauma services, depending on the number of staff to be accommodated.	
	CT Imaging Control Room - Shared	Yes		-		26 (o)		26 (o)	Optional. A shared control room may be preferred between two rooms in terms of staffing efficiency and patient throughput. This is an alternative to a dedicated room. A larger control room will be required where the CT is supporting trauma services, depending on the number of staff to be accommodated.	
OFF-WS	Office - Workstation	Yes		4.5 (o)		4.5 (o)		4.5 (o)	Optional. Additional workstations for workflow control and advanced processing. These may be integrated into the CT control room depending on workflows. Preferred to be included for trauma / stroke.	
	CT Computer Equipment Room		1	10 (o)	2	10 (o)	3	10 (o)	Optional. Required if equipment to be stored outside examination room.	
SCRB-4	Scrub Up	Yes			1	4 (o)	1	4 (o)	Optional. Where interventional procedures are undertaken. Shared between rooms.	
REPR	Reporting Room		1	9		12		12	Additional reporting stations at 6m2 may be required to support routine reporting.	
WAIT-S	Waiting - Sub	Yes	1	5 (o)	1	10 (o)	1	12 (o)	Optional. Shared for MRI and CT. Size of waiting area will depend on mix of outpatient and inpatient activity.	
CHPT	Change Cubicle - Patient	Yes	1	2	1	2	2	2	One per CT room.	
CHPT-AC	Change Cubicle - Patient, Accessible	Yes	1	4	1	4	1	4	One per CT room.	
	Patient Locker Bay		1	1	1	1	1	1	Unless patient belongings travel with the patient.	
WCAC	Toilet - Accessible	Yes	1	6	1	6	1	6		
PT-HOLD-A	Patient Bay - Holding	Yes	2	6.5	3	6.5	5	6.5	Indicative number. Final number of bays will depend on mix of inpatient vs outpatient activity. Share with other modalities where appropriate.	
	Preparation Bay			1	9	2	9	2	9	Indicative number. Space for a chair and storage with a curtain for privacy for inserting cannula if IV contrast is required. Combine with patient bay-holding for flexible use of bays. Contrast administering and check list outside of the room supports higher CT throughput. Some patients require observation eg post contrast and to slow heart down for cardiac scans.
SSTN-10	Staff Station	Yes			1	5	1	8	Assume smaller units will share holding / recovery and associated support areas with other modalities.	
BHWS-B	Bay - Handwashing, Type B	Yes	1	1	2	1	2	1	Part of preparation area.	
BLIN	Bay - Linen	Yes	1	2	1	2	1	2		
	Prep Room / Lab				1	5 (o)	1	5	To support interventional procedures. Share with MRI.	
CLN-10	Clean Store	Yes		Share	1	6	1	6	May be provided as a combined space of 10m2 including medication store depending on local jurisdictional policies. May be shared with other modalities.	
MED-14	Medication Room	Yes	1	Share	1	8	1	8	May be provided as a combined space of 10m2 including clean store depending on local jurisdictional policies. May be shared with other modalities.	
DTUR-S	Dirty Utility - Sub	Yes	1	8 (o)	1	8 (o)	1	8 (o)	Optional. May be shared with other modalities.	
	Discounted Circulation			37%		37%		37%		

MRI

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	1 MRI Rooms		2 MRI Rooms		3 MRI Rooms		REMARKS
			Qty	m2	Qty	m2	Qty	m2	
ANAE-16	Anaesthetic Preparation Room	Yes	1	16 (o)	1	16 (o)	1	16 (o)	Optional. Will also be used to hold patients on beds. May be shared between MRI rooms. Typically only one anaesthetic preparation room required.
MRIR	MRI Room		1	46	2	46	3	46	Storage within the rooms will be needed.
MRICR	MRI Control Room		1	14	2	14	3	14	Must oversee with controlled entry into magnet room. Recommend 25m2 where shared (back to back) between rooms.
	MRI Computer Equipment Room		1	10	2	10	3	10	
REPR	Reporting Room		1	9		12		12	Additional reporting stations at 6m2 may be required to support routine reporting.
BMEQ-4	Bay - Mobile Equipment	Yes	1	3	1	5	1	6	E.g. anaesthetic machine, detachable MRI tables.
WAIT-S	Waiting - Sub	Yes	1	5	1	6	1	8	
CHPT	Change Cubicle - Patient	Yes			1	2	2	2	2 per MRI room including 1 accessible. Combination change cubicle / toilet may be provided.
CHPT - AC	Change Cubicle – Patient, Accessible	Yes	1	4	1	4	1	4	
WCAC	Toilet - Accessible	Yes	1	6	1	6	1	6	
PT-HOLD-B	Patient Bay - Holding	Yes	1	9	2	9	3	9	For holding, preparation and recovery. Number will depend on outpatient vs inpatient mix.
SSTN-10	Staff Station	Yes	1	5	1	5	1	8	
BHWS-B	Bay - Handwashing Type B	Yes	1	1	1	1	2	1	Access from holding and preparation areas.
BLIN	Bay - Linen	Yes	1	2	1	2	1	2	Optional if stand-alone unit. Locate in zone 2 and decent to zones 3/4 as needed. May have shared access to main department.
BRES	Bay - Resuscitation Trolley	Yes	1	1.5	1	1.5	1	1.5	Non-ferrous construction.
	Bay - Patient Property	Yes	1	1	1	1	1	1	Patient Lockers
WCST	Toilet - Staff	Yes	1	3	1	3	1	3	
	Store - Dewar Tank			Remote areas only		Remote areas only		Remote areas only	
	Discounted Circulation			37%		37%		37%	

MAIN IMAGING DEPARTMENT - PATIENT HOLDING / RECOVERY

It is assumed that a centre with a limited range of services, such as a small rural facility, will not require a dedicated patient holding / recovery zone given the smaller range of modalities. For these services refer to the schedules of accommodation by modality above.

The number of holding / recovery bays requires careful consideration given insufficient capacity will create bottlenecks within the unit.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC-D	Qty	m2	REMARKS
PT-HOLD-B	Patient Bay - Holding	Yes		9	Assume five patient holding / recovery bays per interventional room are required (as per separate IR/INR SOA). This will depend on anticipated casemix and anaesthetic requirements. In larger services, these may be collocated with the modality if distances are an issue. Where possible, generally configured as a single area to maximise staff efficiencies. MRI patient holding / recovery bays however are excluded and are instead located in the MRI suite – MRI Induction / Preparation / Recovery Room Bays should have direct observation from a staff station. They may be used for preparation also.
SSTN-10	Staff Station	Yes	1	10	Area required will depend on number of bays allocated.
WCPT	Toilet - Patient	Yes		4	No. to suit capacity of unit.
BHWS-B	Bay - Handwashing, Type B			1	No. to suit capacity of unit. Refer to Part D.
CLN-10	Clean Store	Yes	1	6	Area requirements will depend on the size of the unit. May be combined with the medication room depending on local jurisdictional policies.
MED-14	Medication Room	Yes	1	8	Area requirements will depend on the size of the unit. May be combined with the clean store depending on local jurisdictional policies.
BMEQ	Bay - Mobile Equipment	Yes		4	Number will depend on the size of the unit.
BLIN	Bay - Linen	Yes		2	Number will depend on the size of the unit.
BBW	Bay - Blanket / Fluid Warmer	Yes		1	Number will depend on the size of the unit.
BBEV	Bay - Beverage	Yes	1	4	
BRES	Bay - Resuscitation Trolley	Yes	1	1.5	Additional bays may be required depending on the size of the unit.
DTUR-S	Dirty Utility - Sub	Yes	1	10	Share with adjacent modality areas. Area requirement will depend on size of the unit.
	Discounted Circulation			37%	

MAIN IMAGING DEPARTMENT - CLINICAL SUPPORT AREAS

Note: A dedicated server room for a PACS server has been not been included as it is assumed that either a site or decentralised solution is adopted. If a departmental server is included, adequate space should be allowed in engineering / plant allocation.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC-D	Qty	m2	REMARKS
BMEQ	Bay - Mobile Equipment	Yes		4	Various equipment, including bed mover. Patient transport services model to be confirmed, may be based within department or centralised within hospital. Bays accommodating mobile imaging units will require access to power and data. Number will depend on size of unit.
	Trolley / Wheelchair Park			6	Smaller area required if porter service provided by central Transport Unit. Charging needed. Area requirement will depend on size of unit.
	Transport Staff Work Base			4 (o)	Optional. Not required if porter service provided by central Transport Unit. Ideally collocated with nursing staff base. Area requirement will depend on size of unit.
CLRM	Cleaner's Room	Yes		5	
STGN	Store - General	Yes		9	For accommodation of consumables such as contrast media. For a unit with a small number of modalities 9m ² is recommended. For a large, tertiary service up to 30m ² may be required.
STEQ-14	Store - Equipment	Yes		9	For a unit with a small number of modalities 9m ² is recommended. For a large, tertiary service up to 20m ² may be required. Used for storage of items that are required in modality rooms on an ad hoc basis, eg stands for weight bearing imaging, stitching equipment, patient hoist, mobile x-ray units, chairs for modified swallows etc. Area requirements will depend on range of equipment to be accommodated.
	Equipment Workshop			16 (o)	Optional. For testing and maintenance of mobile imaging modalities on large units where there is sufficient activity and staff to support a dedicated space. Requires shielding assessment. Transfer pathway to ORs and ICU to be considered for servicing of mobile imaging equipment.
	Physics Laboratory			14 (o)	Optional. For large units only, depending on activity and staff profile. Includes work space and storage.
DISP-8	Disposal Room	Yes		8	Area requirement will depend on size of unit.
	Discounted Circulation			37%	

MAIN IMAGING DEPARTMENT - STAFF WORK AREAS

The planning of staff work areas should be based on the future staff establishment and jurisdictional policies relating to office space. Impacts of research will also need to be considered.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	Qty	m2	REMARKS
OFF-1P-12	Office - 1 Person, 12m2	Yes		12	Requirement will depend on staff profile.
OFF-1P-9	Office -1 Person, 9m2	Yes		9	Requirement will depend on staff profile. Number will depend on staff profile. Consider the location of offices given some roles will need to be located in close proximity to the clinical area.
OFF-WS	Office - Workstation	Yes		5.5	3D post processing activities. Associated with CT and MRI. Number to suit number of staff dedicated to this activity. Typically require 2 monitors per workstation. Distribution will depend on local requirements. Larger services will likely have central 3D post processing room in addition to workstations located with modalities.
REPW	Reporting Workstation	Yes		6	Number of spaces to suit activity. For example, two reporting stations may be needed to support the activity generated by a CT. Consider height adjustable desks for standing reporting.
OFF-WS	Office - Workstation	Yes		4.5	Number of spaces as per staff establishment. Staff may include registrars, administration and transcription staff, PACS / IT administration etc.
	Film / Record Store		1	15 (o)	Optional, film libraries are reducing given transition to digital images. Units with high volume paediatrics may still require this given length of record keeping required.
BMFD-3	Bay - Multifunction Device	Yes	1	3	Area requirement will depend on size of department.
MEET- L-20	Meeting Room	Yes	1	20	Number will depend on size of unit. May be shared with adjacent service. Consider RANZCR accreditation requirements to support training programs.
MEET-L-30	Meeting Room	Yes	1	30 (o)	Optional. Access to a large meeting / conference room for multidisciplinary case conferences may be required in larger facilities.
STGN	Store - General	Yes	1	8	Area requirement will depend on size of unit.
	Discounted Circulation			25%	

MAIN IMAGING DEPARTMENT - STAFF AMENITIES

Planning for staff amenities should be based on the future staff establishment.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	Qty	m2	REMARKS
SRM-15	Staff Room	Yes		15	Area requirement will depend on the staff establishment. Refer to standard components for capacity requirements. Shared staff room for small units. Depending on the size of service, additional beverage bays may be needed to support staff near to where they work.
BPROP	Bay - Property, Staff	Yes		2	Estimate only. Numbers dependent on staff establishment and local policies.
SHST	Shower - Staff	Yes		3 (o)	Optional. Numbers dependent on staff establishment.
WCST	Toilet - Staff	Yes		3	Number will suit FTE and be located in staff areas but also close to examination rooms.
CHST-10	Change Room - Staff	Yes	1	20	Required for facilities with high interventional workload. May support interventional radiology, CT, MRI. Will include showers and WCs. Area requirement will depend on the staff establishment. Male / female allocations to be determined a project level with consideration of all gender facilities.
	Discounted Circulation			25%	

5.1.2 Interventional Radiology and Interventional Neuroradiology

In line with Section 2.1.5, the area requirements for IR and INR will depend on the range of modalities provided (as informed by the types of procedures and volume and activity) and the service delivery model. IR and INR facilities may be provided as part of a Medical Imaging Unit, within a separate, dedicated IR / INR unit, and / or selected services may be provided within operating suites. The service model must be developed in consultation with Medical Imaging services and should seek to optimise staffing efficiencies and workforce sustainability.

The recommended SOAs for IR/INR below include the following indicative scenarios:

- Scenario 1: a single IR room within a medical imaging department with shared access to the reception / waiting, patient holding / recovery and staff areas provided as part of the broader imaging department.
- Scenario 2: a separate dedicated IR/INR unit with four modality rooms. Separate reception / waiting, patient holding / recovery and staff areas are included however these may be shared with collocated services (e.g. operating theatres) depending on the operational model and volume of activity. Collocation of holding / recovery areas should be considered as appropriate to support staffing efficiencies. When calculating the required number of holding bays, consideration needs to be given to the time required to recovery these patients (up to four hours).

The modalities included below assume angiography / DSA. There is a trend towards the increasing provision of biplane angiography over single plane units. Where it is anticipated that single plane angiography may be converted to biplane units in the future these rooms should be sized accordingly given these rooms are challenging to expand at a later date. Other IR and INR modalities, such as CT, MRI and ultrasound will require reference to the relevant SOAs for these modalities, as included above.

Given IR and INR services support the full patient journey, consideration will also need to be given to inpatient and outpatient services. These are not included in the SOA below and will require reference to AusHFG HPUs 155 Ambulatory Care and 340 Adult Acute Inpatient Unit.

IR / INR ENTRY, RECEPTION AND WAITING

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	1 IR Room within Medical Imaging Unit (m ²)		4 IR / INR Rooms within Dedicated IR / INR Unit (m ²)		REMARKS
			Qty	m ²	Qty	m ²	
WAIT-10	Waiting	Yes	Shared		1	15	Indicative area allocation. Requirements will depend on throughput. For services with a significant paediatric mix include a paediatric waiting and play area.
WCPU	Toilet – Public	Yes	Shared		1	3	
WCAC	Toilet – Accessible	Yes	Shared		1	6	
RECP-10	Reception	Yes	Shared		1	10	
OFF-WS	Office - Workstation	Yes	Shared		4.4		Administration workstations collocated with reception. Number of workstations dependent on staff profile.
BMFD-3	Bay - Multifunction Device	Yes	Shared		1	3	
OFF-CLN	Office - Clinical Workroom	Yes	Shared		1	15	
	Discounted Circulation		30%			30%	

IR / INR PATIENT HOLDING AND RECOVERY

Where possible holding and recovery areas for interventional services should be shared with a collocated unit, e.g., medical imaging or the operating suite depending on the size of unit and the need to support staffing efficiencies whilst minimising patient transfer distances.

AusHFG ROOM CODE	ROOM/SPACE	SC / SC D	1 IR Room within Medical Imaging Unit (m ²)		4 IR / INR Rooms within Dedicated IR / INR Unit (m ²)		REMARKS
			Qty	m ²	Qty	m ²	
CONS	Consult Room	Yes	1	12	1	12	Flexibly used for consents, education, pre-op assessments/observations and pre and post procedure clinical examinations. For outpatient IR services refer to HPU 155. Locate to enable access from recovery zone also.
CHPT	Change Cubicle -Patient	Yes	Shared		1	2	Access from recovery also required.
CHPT-AC	Change Cubicle – Patient, Accessible	Yes	1	4	1	4	
WCPT	Toilet – Patient	Yes	Shared		1	4	
WCAC	Toilet – Accessible	Yes	Shared		1	6	
	Property Bay - Patient		Shared		1	3 (o)	Optional. Assumes lockers. Property may instead travel with the patient. Access from recovery also required.
PT-HOLD-A	Patient Bay – Holding	Yes	Shared		12	6.5	Recommend 1 pre-procedure bay and 2 Stage 2/3 recovery bays per IR room. Patient may be accommodated on a chair or trolley. May need to be 9m ² should access be required at each side. Where possible share holding / recovery areas with a collocated unit eg medical imaging or operating suite to support staffing efficiencies.
PT-HOLD-B	1 Bed Room – Holding	Yes	Shared		1	12	Used for children, special needs or isolation. Number will depend on patient cohort.
PT-RS1	Patient Bay - Recovery Stage 1	Yes	Shared		7	9	Recommend 2 per IR room (including enclosed rooms). Where possible share holding / recovery areas with a collocated unit eg medical imaging or operating suite to support staffing efficiencies.
SSTN-10	Staff Station	Yes	Shared		1	18	Located to support pre and post-operative areas.
BHWS-B	Bay – Handwashing, Type	Yes	Shared		5	1	1 per 4 bays.
BLIN	Bay - Linen	Yes	Shared		1	2	
BBW	Bay - Blanket / Fluid Warmer	Yes	Shared		1	1	1 per 16 spaces.
BBEV	Bay- Beverage	Yes	Shared		1	4	
BMEQ	Bay - Mobile Equipment	Yes	Shared		1	3	
BRES	Bay - Resuscitation Trolley	Yes	Shared		1	1.5	
CLN-10	Clean Store	Yes	Shared		1	6	May be provided as a combined space of 14m ² including medication store depending on local jurisdictional policies.
MED-14	Medication Room	Yes	Shared		1	10	May be provided as a combined space of 14m ² including clean store depending on local jurisdictional policies. Access to centralised medication store or drug safe in each interventional radiology suite will be required.
STGN	Store - General	Yes	Shared		1	10	For other non-sterile / deboxing storage.
STEQ-14	Store - Equipment	Yes	Shared		1	20	With power points for recharging pumps etc.
	Dirty Utility / Disposal Room		Shared		1	14	
CLRM	Cleaner's Room	Yes	Shared		1	5	
WCST	Toilet - Staff	Yes	Shared			3 (o)	Optional. Number and location dependent on travel distances to staff change rooms.
	Discounted Circulation			37%		37%	

IR / INR INTERVENTIONAL ROOMS

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC D	1 IR Room within Medical Imaging Unit (m ²)		4 IR / INR Rooms within Dedicated IR / INR Unit (m ²)		REMARKS
			Qty	m ²	Qty	m ²	
ANAE-16	Anaesthetic Preparation Room	Yes	1	16 (o)	4	16 (o)	Optional depending on local requirements, may be provided through separate pre-procedure holding area.
CLAB-I	Interventional Radiology Room - Single Plane Angiography	Yes	1	55	2	55	Number and types of IR rooms to be allocated in line with the service plan / analysis of service need. Where it is anticipated that single plane angiography may be converted to biplane units in the future these rooms should be sized accordingly given these rooms are challenging to expand at a later date. Refer to CT and MRI allocations within this SOA for interventional CT and MRI modalities. The provision of Angiography-CT hybrid interventional rooms is growing (80m ² recommended for this modality, however project team should refer to recently delivered facilities). Access to centralised medication store or drug safe in each interventional radiology suite will be required.
CLAB-EP	Interventional Radiology / Neuroradiology Room - Biplane Angiography	Yes			2	60	Number and types of IR rooms to be allocated in line with the service plan / analysis of service need. Where it is anticipated that single plane angiography may be converted to biplane units in the future these rooms should be sized accordingly given these rooms are challenging to expand at a later date. Refer to CT and MRI allocations within this SOA for interventional CT and MRI modalities. The provision of Angiography-CT hybrid interventional rooms is growing (80m ² recommended for this modality, however project team should refer to recently delivered facilities). Access to centralised medication store or drug safe in each interventional radiology suite will be required.
	Angiography Control Room	Yes	1	14	4	14	May be combined and shared between 2 rooms. Must support digital systems included associated cameras and recording systems.
	Computer Equipment		1	10	4	10	For storage of vendor computer cabinets.
REPR	Reporting Room	Yes	1	12	2	12	
SCRB-4	Scrub Up	Yes	1	4	2	4	May be shared between rooms.
STSS-20	Angiography Sterile Store / Set-Up	Yes	1	12	4	12	
	Bay - Lead Aprons	Yes	1	0.5	4	0.5	
CLUP-7	Clean-Up Room	Yes	1	7 (o)	1	15	May be shared with other modalities in smaller units.
	Prep Room / Lab		1	5	1	8	
	Discounted Circulation			37%		37%	

IR / INR STAFF AREAS

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC D	1 IR Room within Medical Imaging Unit (m ²)		4 IR / INR Rooms within Dedicated IR / INR Unit (m ²)		REMARKS
			Qty	m ²	Qty	m ²	
OFF-1P-9	Office- 1 Person, 9m ²	Yes	Shared		9		Number and area allocation will depend on staff profile and local jurisdictional policies.
OFF-WS	Office - Workstation		Shared		4.5		Number and area allocation will depend on staff profile and local jurisdictional policies.
MEET-20	Meeting Room	Yes	Shared	1	15		Size will depend on number of people to be accommodated and local jurisdictional policies.
SRM-15	Staff Room	Yes	Shared	1	24		Requirements will depend on the staff profile for the unit.
CHST-35	Change - Staff	Yes	Shared	1	50		Requirements will depend on the staff profile for the unit. Full lockers - adjust female, male, all gender mix as required. Toilet and showers included.
	Discounted Circulation			25%		25%	

5.1.3 Satellite Imaging Units

Where possible imaging services should be centralised to support efficient use of modalities, optimal resourcing and appropriate staff support. However, some facilities may require the provision of decentralised / satellite imaging units due to significant travel distances to the main imaging department and high volumes of activity. These models are appropriate for larger facilities only and must be informed by consultation with Medical Imaging services to ensure the decentralised arrangements can be appropriately staffed and managed.

SATELLITE – EMERGENCY UNIT (OPTIONAL)

A satellite imaging unit in ED should only be considered where there are significant travel distances to the main imaging department. The operational model for the satellite unit must be confirmed including the range of services accessing the unit. For example, some services such as inpatient units may access this unit after hours when the main imaging department is closed and will require consideration of patient holding capacity and staff oversight.

The type and number of imaging modalities provided will be informed by clinical services planning with consideration of the range of services accessing the satellite unit and projected activity volumes. Although not commonly provided in satellite imaging units currently, it is noted that the role of MRI in emergency diagnostics is increasing.

It is assumed that staff support and amenities are shared with the emergency department.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC- D	Qty	m2	REMARKS
WAIT-S	Waiting - Sub	Yes		5 (o)	Optional, depending on operational policies relating to transfer of patients to Imaging and resourcing for staff oversight. Area allocation is dependent on size of satellite service.
	Staff Base			8	
BRES	Bay - Resuscitation Trolley	Yes		1.5	
PT-HOLD-B	Patient Bay - Holding, Bed	Yes		9	Number of bays dependent on expected throughput and access for patients from other units eg for after hours services. Consideration needs to be given to staff oversight. These bays allow satellite service to optimise throughput.
GENXR	General X-Ray Room	Yes		40	Sized larger for trauma cases. Assume 45m2 if OPG included.
ULTR	Ultrasound Room	Yes		16	Ultrasound reprocessing requirements to be confirmed. Refer to HPU Section 2.2.8.
WCAC	Toilet - Accessible	Yes		6	Direct access to ultrasound room.
CTIR	CT Imaging Room	Yes		45	
CTCR	CT Imaging Control Room	Yes		16	A larger control room will be required where the CT is supporting trauma services, depending on the number of staff to be accommodated.
	CT Equipment Room	Yes		10	
CHPT-AC	Change Cubicle - Patient, Accessible	Yes		4	
WCPT	Toilet - Patient	Yes		4 (o)	Optional, to be provided depending on access to patient amenities within ED.
REPW	Reporting Workstation			6	Busy services may require one station per x-ray and two per CT. Locate to ensure ease of communication with the emergency medical team.
STGN	Store - General	Yes		8	
DTUR-S	Dirty Utility - Sub	Yes		8 (o)	Optional, depending on access to dirty utility within ED.
BMEQ	Bay - Mobile Equipment	Yes		2 (o)	Optional, for storage of mobile imaging equipment where additional mobile units are required to service areas outside of the resuscitation zone.
BLIN	Bay - Linen	Yes		2 (o)	Optional, depending on access to linen within ED.
WCST	Toilet - Staff	Yes		3 (o)	Optional, where there are significant travel distances to ED staff amenities. Access to other staff amenities also requires consideration.
	Discounted Circulation			37%	

SATELLITE – AMBULATORY CARE UNIT (OPTIONAL)

A satellite imaging unit within an Ambulatory Care Unit should only be considered where there are significant travel distances to the main imaging unit and / or where there are high volumes of activity that can justify a decentralised unit. These units are often associated with high volume orthopaedic clinics.

The types and numbers of each modality will be dependent on the clinical services plan. In certain circumstances, additional modalities such as CT and MRI may be included. In this case, room sizes depicted in the Main Department should be used.

Staff support and amenities are assumed to be shared with other ambulatory care services.

AusHFG ROOM CODE	ROOM/SPACE	SC/ SC-D	Qty	m2	REMARKS
WAIT-S	Waiting, Sub	Yes		5	Spatial allocation dependent on size of satellite service and opportunities to share with other ambulatory care services. 1.2m2 required per seat, 1.5m2 per wheelchair space.
	Staff Base			8	May be shared with staff base for ambulatory care clinic.
PT-HOLD-B	Patient Bay - Holding, Bed	Yes		9 (o)	Optional. Provision of holding bays will depend on patient cohort and operational policies. This may include patients from residential care, or hospital transfers of patients on trolleys. Consider staff supervision of holding bays.
GENXR	General X-Ray Room			38	
ULTR	Ultrasound Room	Yes		16 (tbc)	
CHPT-AC	Change Cubicle - Patient, Accessible	Yes		4	Extra rooms will be planned at 2m2.
REPW	Reporting Workstation			6	Busy services may require one station per x-ray and two per CT
WCPT	Toilet - Patient	Yes	1	4	Unless provided nearby and ensure access to an accessible toilet.
STGN	Store - General	Yes		8	
	Discounted Circulation			32%	