

PoCUS Skills

| MODALITY (US) | ACQUISITION | INTERPRETATION |
|--------------------------|---|---|
| GENERAL | ergonomics | limitations |
| | probe selection (frequency) | risks |
| | image generation | difficulties |
| | image optimisation | problem-solving |
| FoCUS (TTE) | parasternal short axis | LV (RV) size, systolic function, shape of interventricular septum, LV hypertrophy |
| | parasternal long axis | LV size and systolic function, mitral and aortic valve assessment, left atrial size |
| | subcostal 4 chamber | pericardial fluid and/or tamponade, LV (RV) size and function, MV/TV assessment |
| | apical 4 chamber | LV and RV size and function, major valvular problems, atrial size |
| | subcostal inferior vena cava long axis | size and respiratory variation of IVC diameter |
| LUNG | identify lungs | pneumothorax |
| | identify pleura | interstitial syndrome |
| | identify ribs | pleural effusion |
| | identify diaphragm | paralysis diaphragm |
| AIRWAY | identify cricothyroid membrane | oesophageal intubation |
| | identify cricoid, thyroid cartilage | oro/nasogastric tube placement |
| | identify tracheal rings | |
| | identify esophagus | |
| GASTRIC | identify antrum | identify stomach at-risk for aspiration |
| | identify different gastric contents | |
| | estimate total gastric fluid volume | |
| VOLUME ASSESSMENT | size and respiratory-induced variation (collapsibility) of IVC diameter | |
| | identify transition IVC - right atrium | estimation of central venous pressure |
| | differentiate between IVC and aorta | |

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PoCUS Aanbod per centrum

| HOSPITAL | FoCUS (TTE) | TEE | LUNG | AIRWAY | GASTRIC | VOLUME ASSESSMENT | FAST |
|--|-------------|-----|------|--------|---------|-------------------|------|
| Imeldaziekenhuis | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| UZ Leuven | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| GZA Ziekenhuizen, campus Sint-Augustinus | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| AZ Turnhout | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Jessa Ziekenhuis | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| AZ Delta, campus Roeselare | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AZ KLINA | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| AZ Groeninge | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| O.L.V.-Aalst | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AZ Sint-Jan | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Universitair Ziekenhuis Antwerpen | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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PoCUS Skills: Minimal #cases logbook

| ULTRASOUND MODALITY | FoCUS (TTE) | LUNG | AIRWAY | GASTRIC | VOLUME ASSESSMENT | FAST |
|---|-------------|------|--------|---------|-------------------|------|
| ACQUISITION Minimal number of cases performed in person, and supervised | 20 | 15 | 5 | 30 | 10 | 20 |
| INTERPRETATION Minimal number of cases interpreted, not necessarily performed in person | 20 | 10 | 5 | 20 | 10 | 20 |
| TOTAL NUMBER of cases | 25 | 20 | 10 | 50 | 20 | 40 |

+ Imeldaziekenhuis

Imeldalaan 9, 2820 Bonheiden
Verantwoordelijke: Peter Van de Putte

+ UZ Leuven

Herestraat, 3000 Leuven
Verantwoordelijken: GJ Eerdekens, M Van de Velde

+ GZA Ziekenhuizen, campus Sint-Augustinus

Oosterveldlaan 24, 2610 Antwerpen
Verantwoordelijke: S Casaer, E Roofthoof

+ AZ Turnhout

Rubensstraat 166, 2300 Turnhout
Verantwoordelijke: B Versyck

+ Jessa Ziekenhuis

Salvatorstraat 20, 3500 Hasselt
Verantwoordelijke: D Vrancken

+ AZ Delta, campus Roeselare

Brugsesteenweg 90, 8800 Roeselare
Verantwoordelijken: C Vandewaeter, B Schockaert

+ AZ KLINA

Augustijnslei 100, 2930 Brasschaat
Verantwoordelijke: L Vernieuwe

+ AZ Groeninge

President Kennedylaan 4, 8500 Kortrijk
Verantwoordelijke: PJ Steelant

+ O.L.V.-Aalst

Moorselbaan 164, 9300 Aalst
Verantwoordelijke: S Bouchez

+ AZ Sint-Jan

Ruddershove 10, 8000 Brugge
Verantwoordelijke: M Van Tornout

+ Universitair Ziekenhuis Antwerpen

Drie Eikenstraat 655, 2650 Edegem
Verantwoordelijke: P Mertens

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