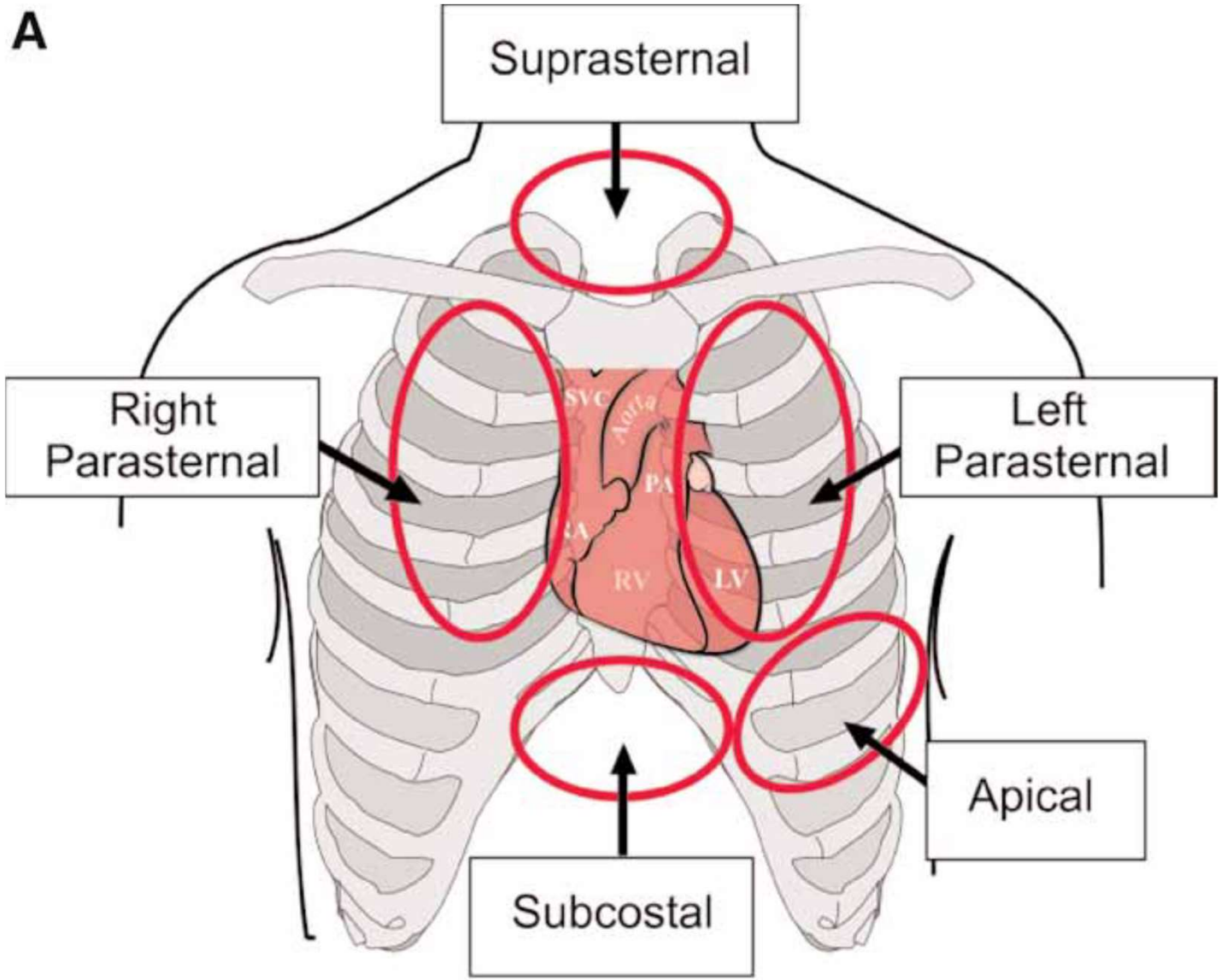
luzerner kantonsspital
LUZERN SURSEE WOLHUSEN

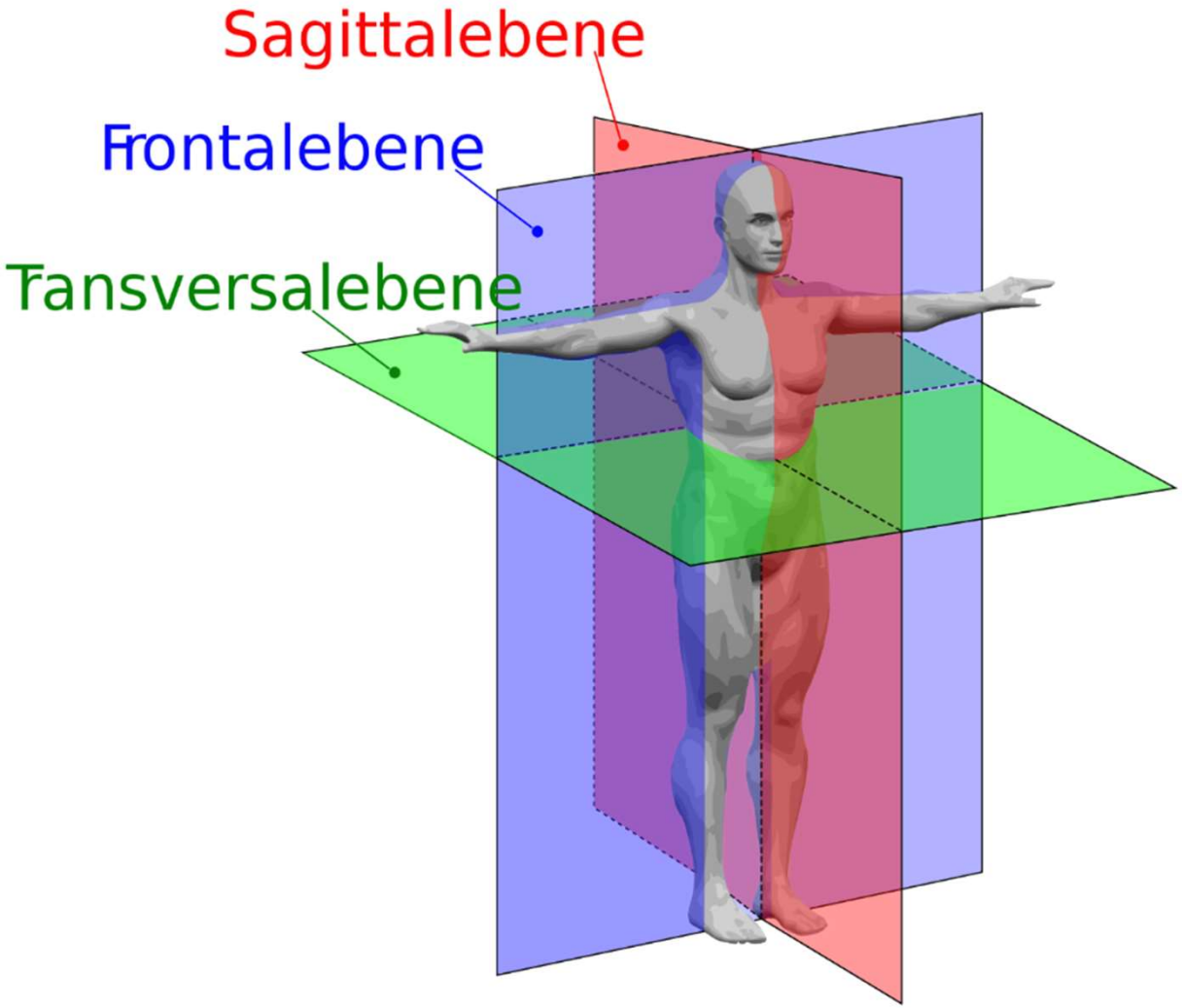
TTE

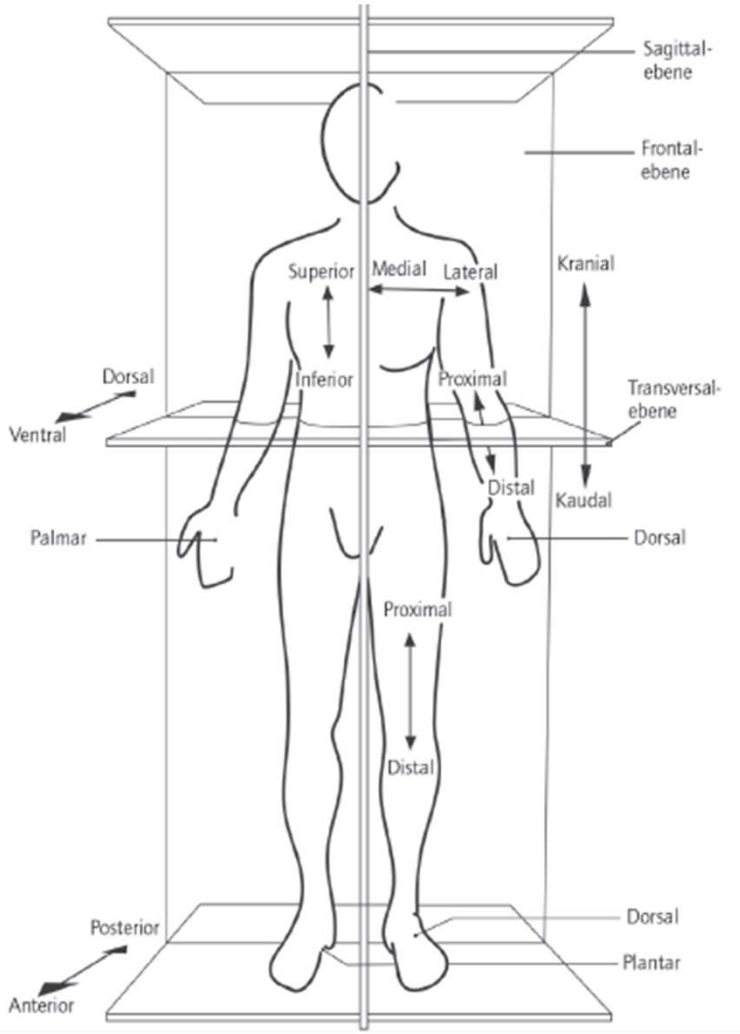
Standard Anlotungen

Schallfenster

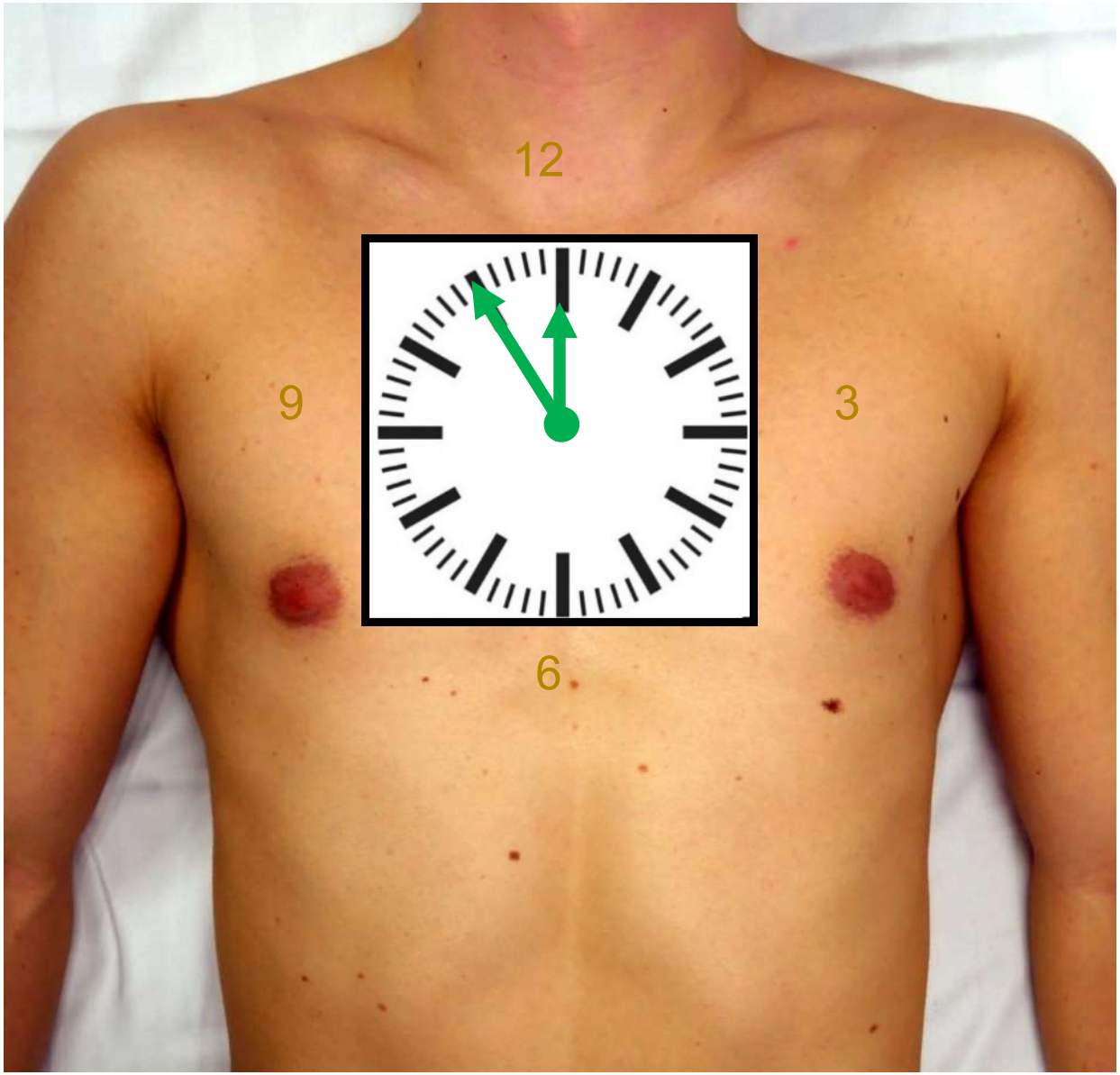


Ebene des Körpers

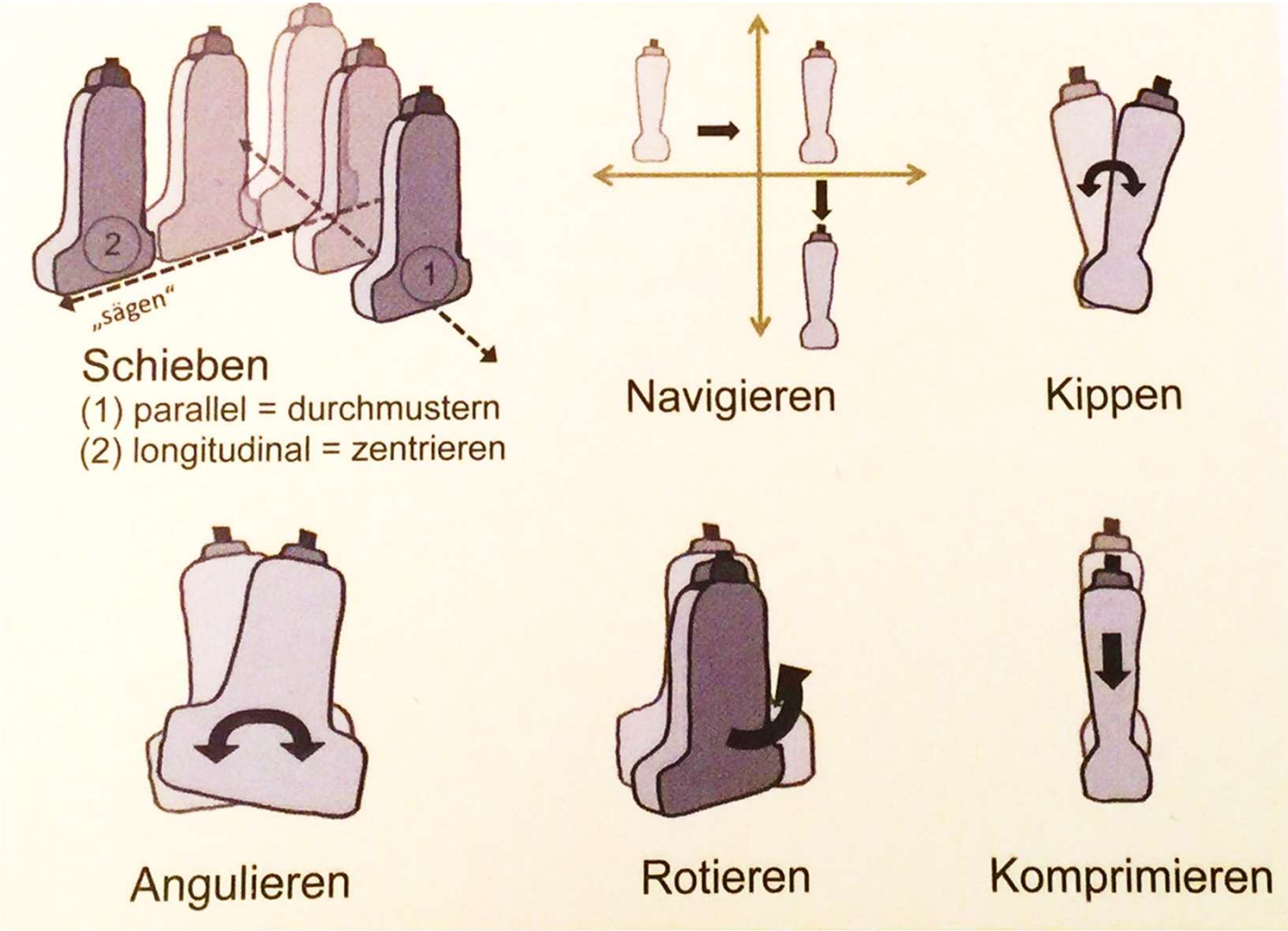




Frontale Ebene



Schallkopfbewegungen



Angulieren (neigen) des Schallkopfes

Lange Achse
Angulieren

Kippen des Schallkopfes

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LUZERN SURSEE WOLHUSEN

Kurze Achse

K
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Rotation des Schallkopfes

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An der Achse des Schallkopfes

Durchmustern des Organs

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An der kurzen Achse des Organs
Parallel zum Verlauf des Organs

Zentrieren des Schallkopfes

An der langen Achse des Organs
Lonitudinal zum Verlauf des Organs

Schallfenster der Notfallsonographie

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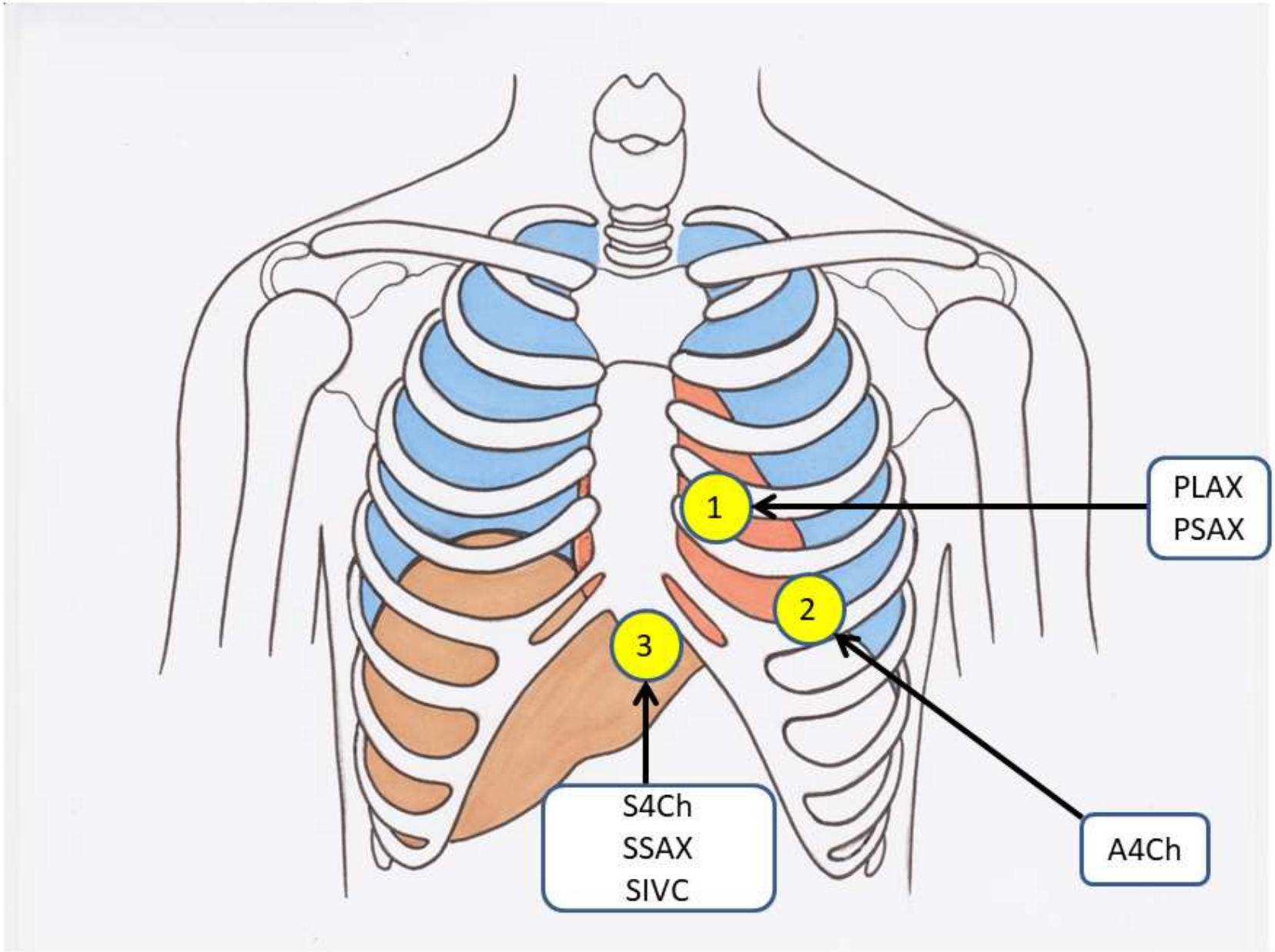
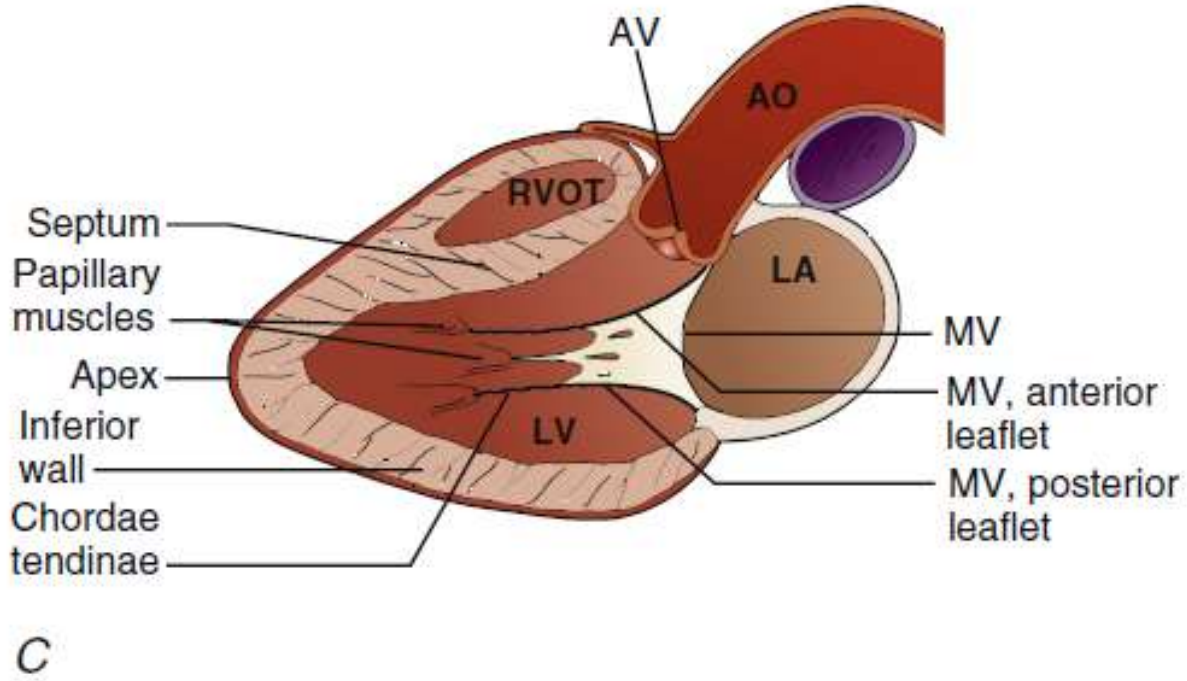
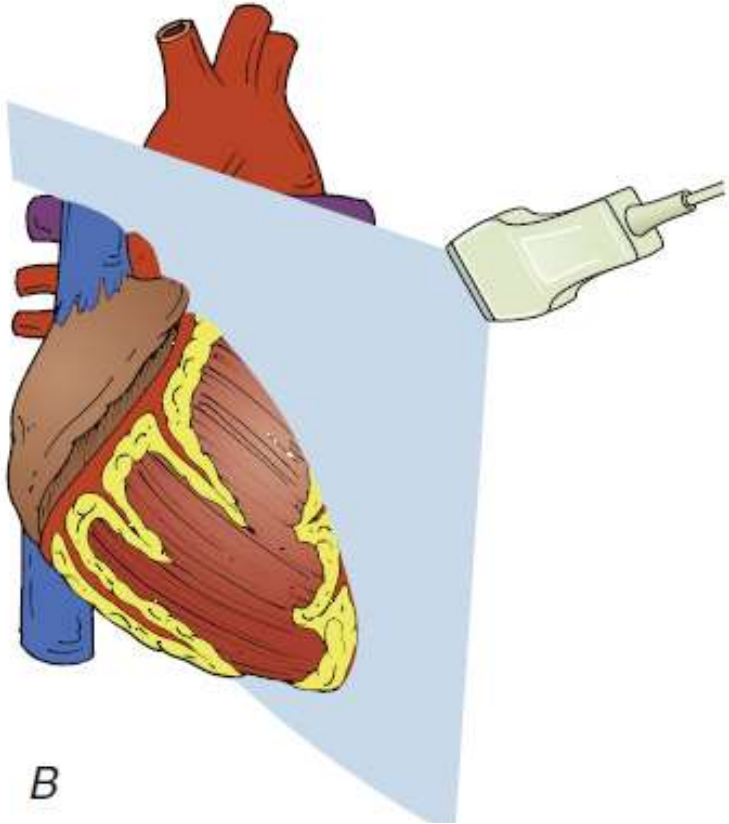


Parasternale lange Achse - PLAX

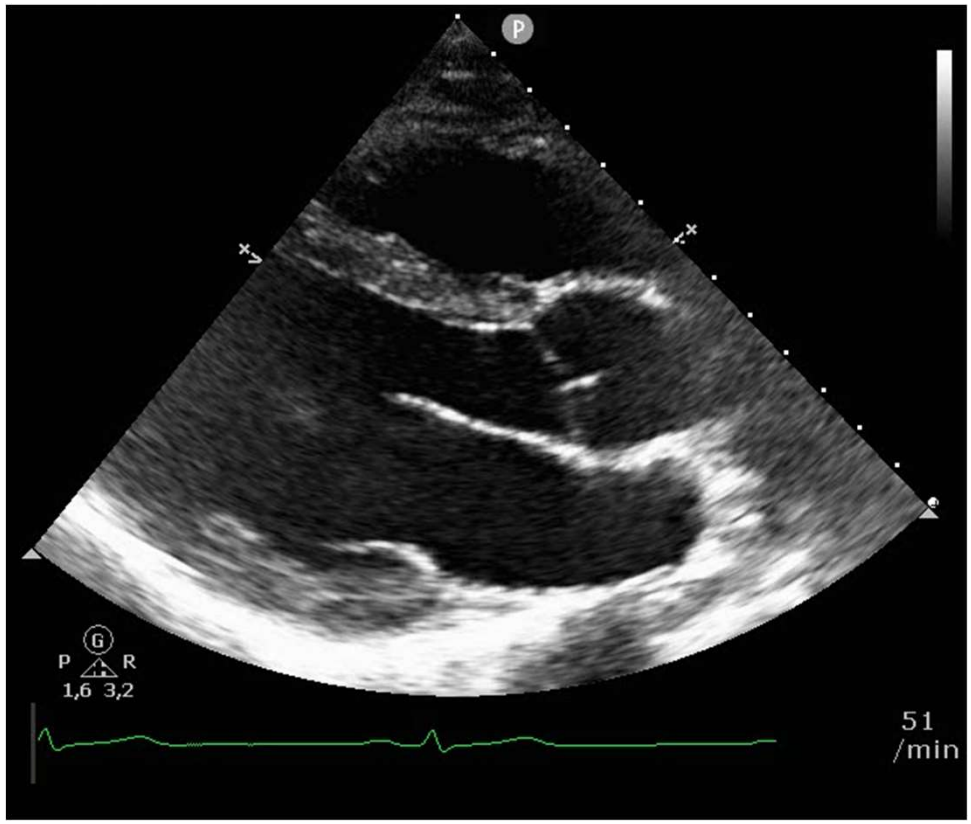
- Eindringtiefe: 12-14 cm
- Markierung des Schallkopfes zur rechten Schulter 11 Uhr





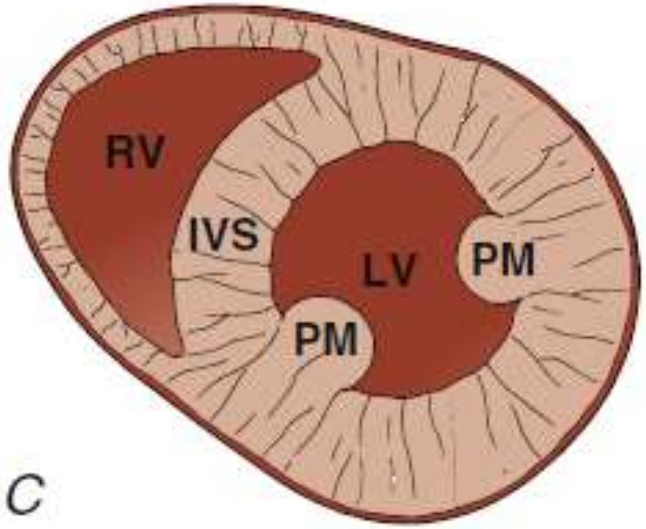
Parasternale lange Achse - PLAX

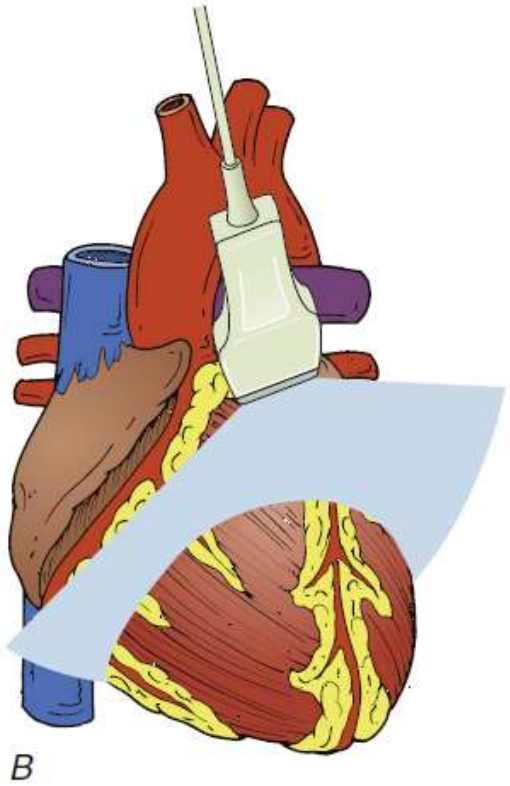
- Perikarderguss
- Pleuraerguss
- Wanddickenzunahme LV
- RV/RVOT Kontraktilität
- Klappen (AK und MK) Morphologie und Color Doppler
- LVOT und Aortenbulbus



Parasternale kurze Achse – PSAX

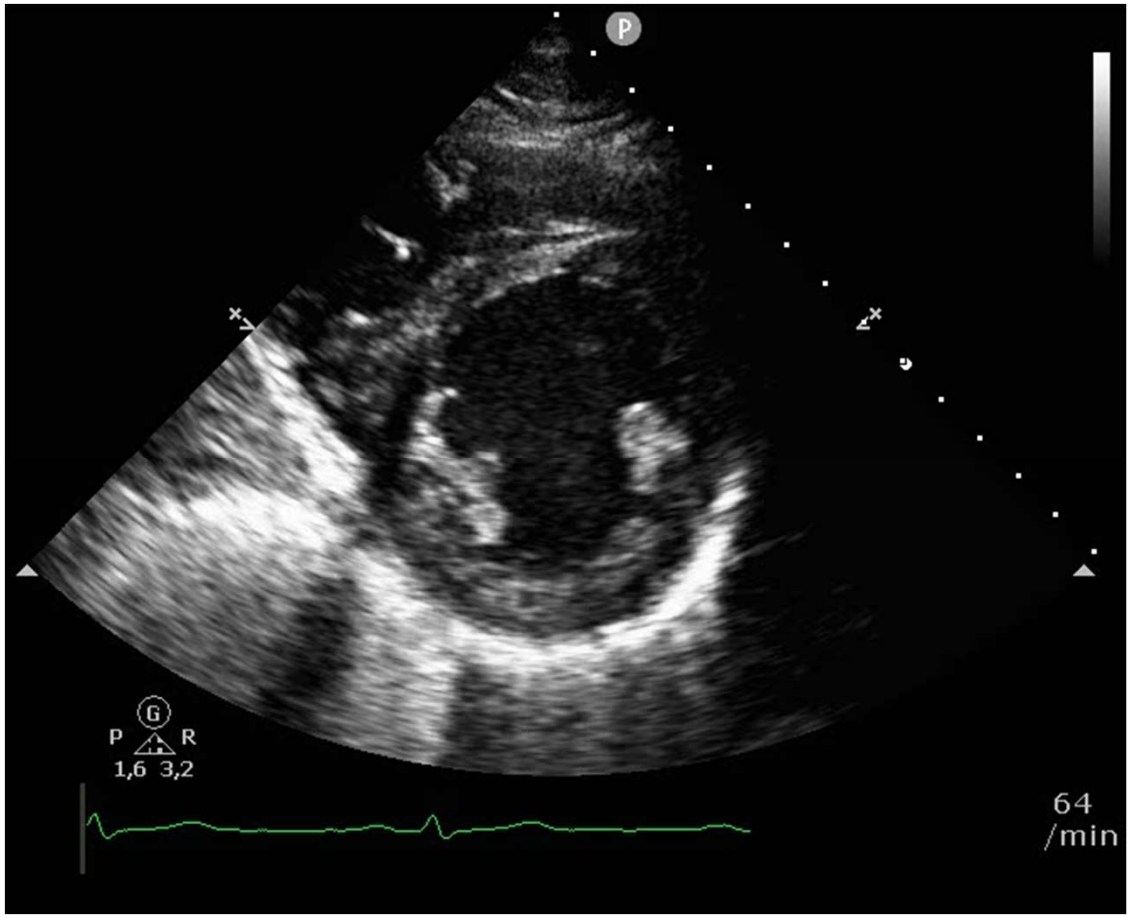
- Eindringtiefe: 10-12 cm
- Markierung des Schallkopfes zur linken Schulter 2 Uhr





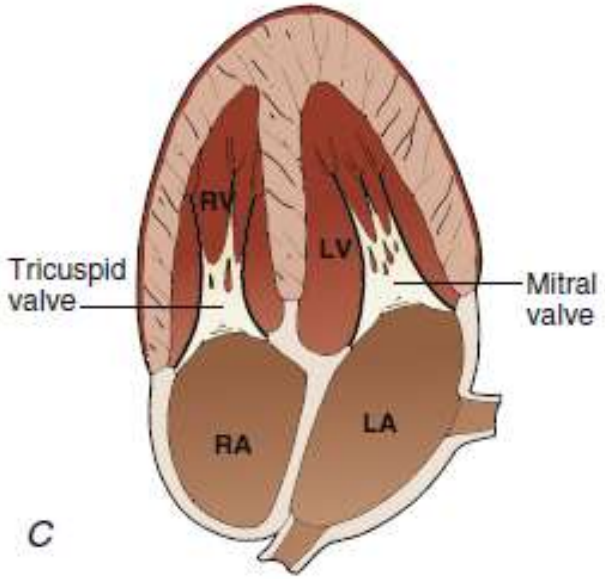
Parasternale kurze Achse - PSAX

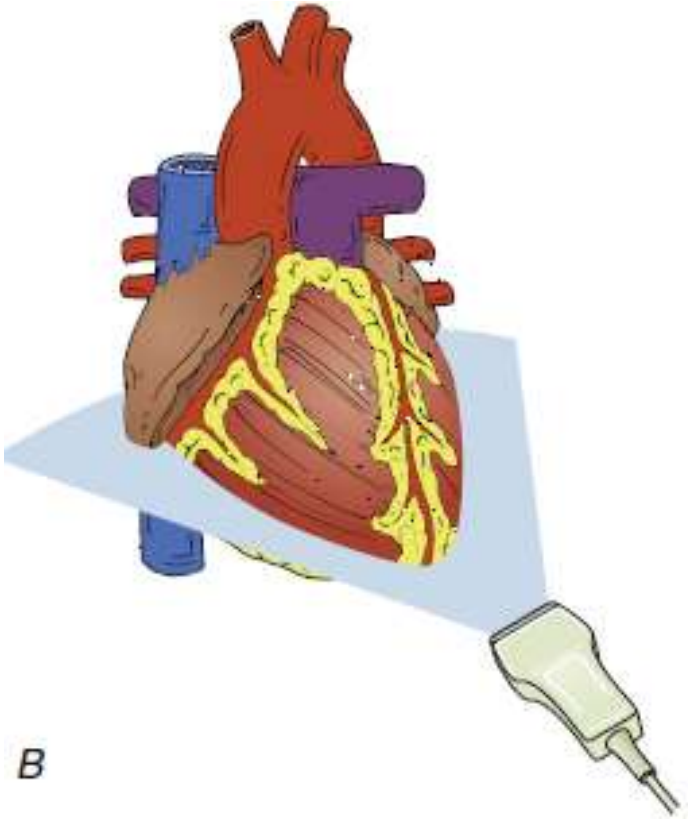
- Perikarderguss
- LV – RV Dimension
- Septum
- LV Wanddickenzunahme



Apikaler 4-Kammerblick – A4Ch

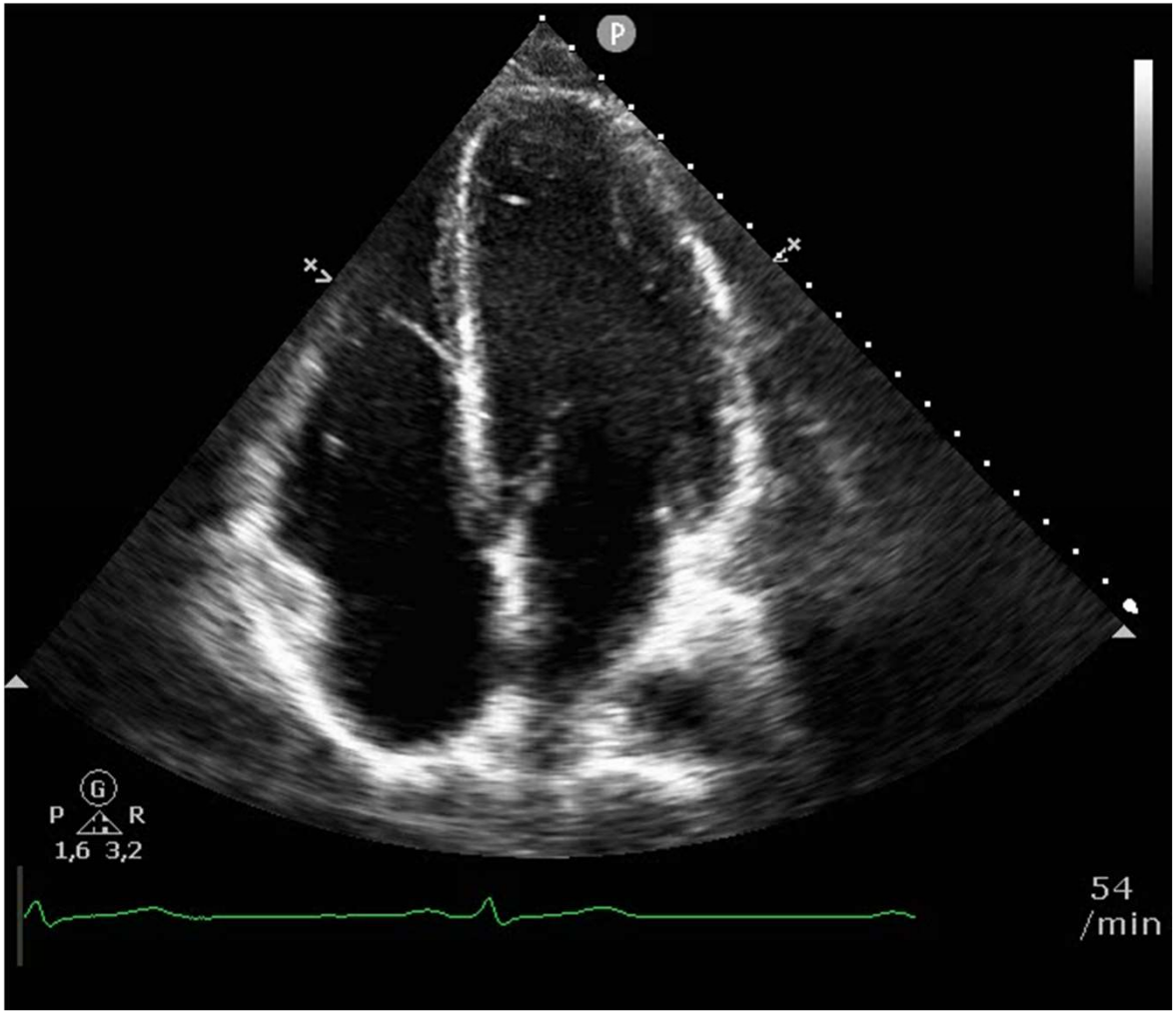
- Eindringtiefe:12-14 cm
- Markierung des Schallkopfes zur linken Schulter ca 3 Uhr





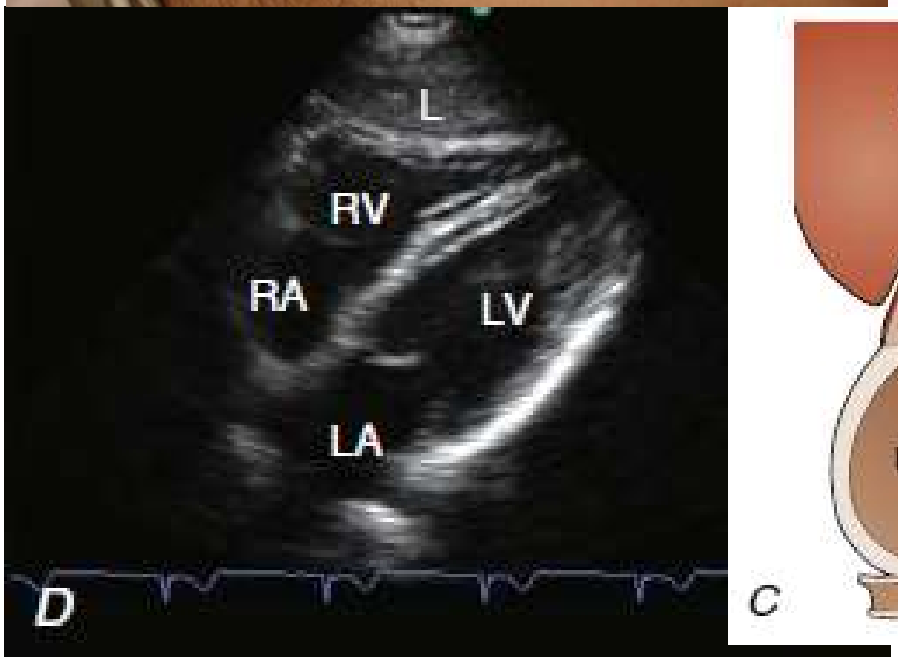
Apikaler 4-Kammerblick – A4Ch

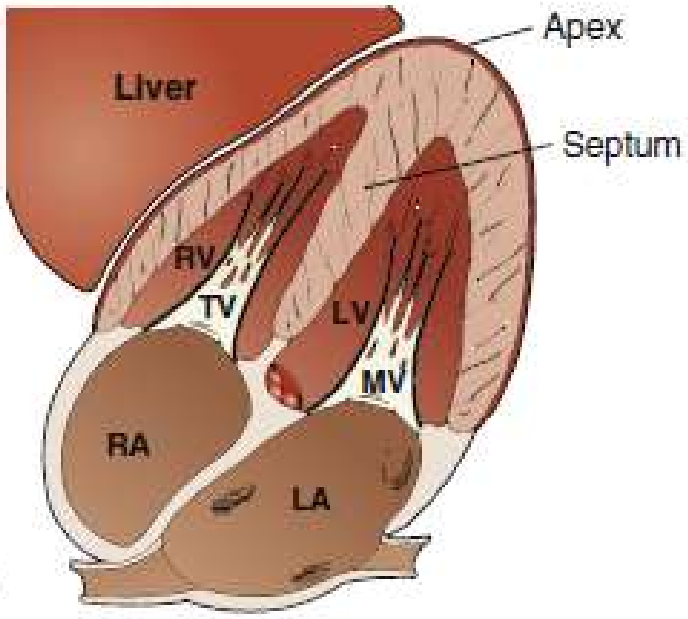
- Perikarderguss
- RV – LV Dimension
- Vorhof – Ventrikel Dimension
- LV Funktion
- RV Funktion
- MK und TK Mobilität inkl. Color Doppler
- Septum Ventrikel / Vorhof

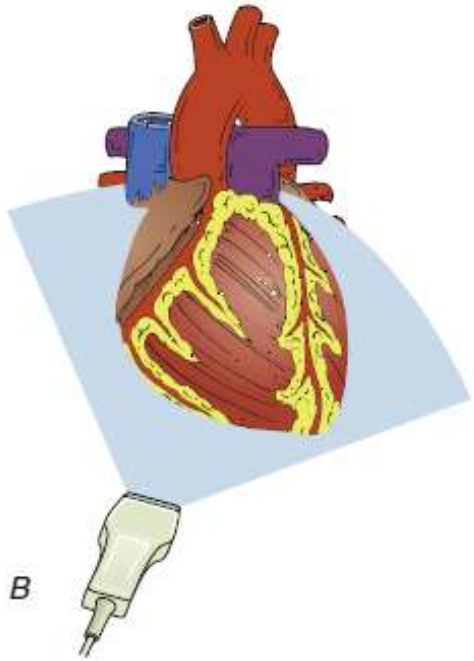


Subkostale lange Achse - SLAX

- Eindringtiefe: 20-25 cm
- Markierung des Schallkopfes zur linken Seite der Person

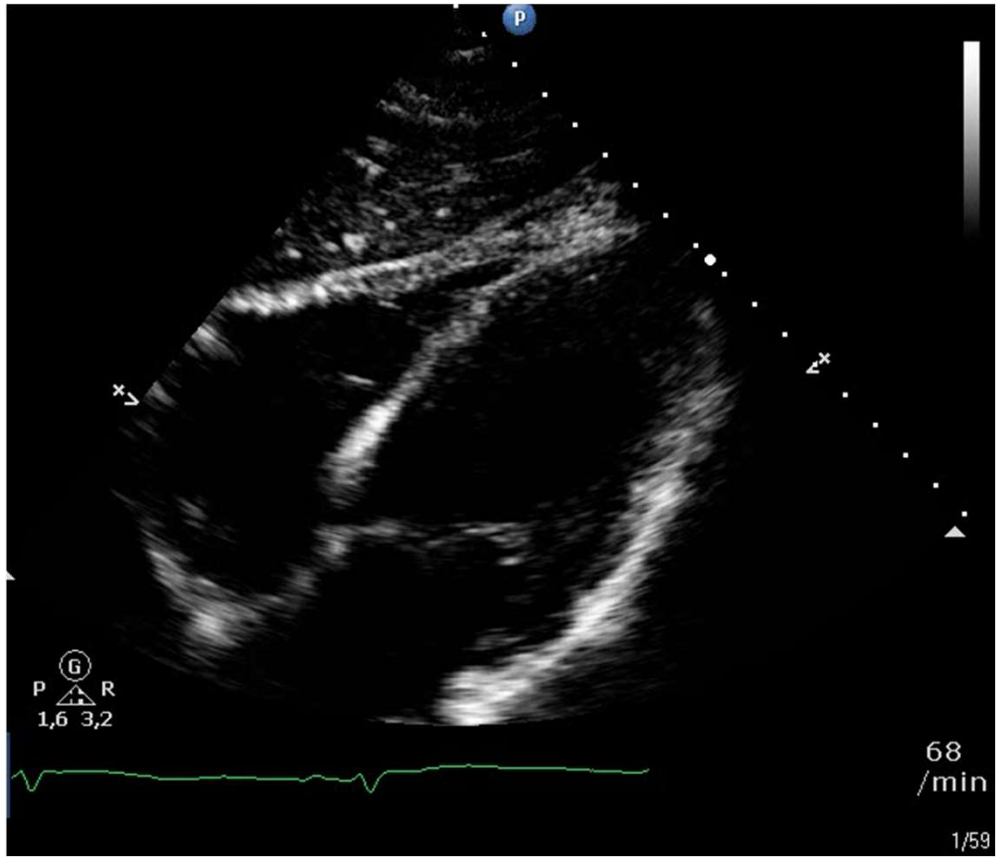






Subkostale lange Achse - SLAX

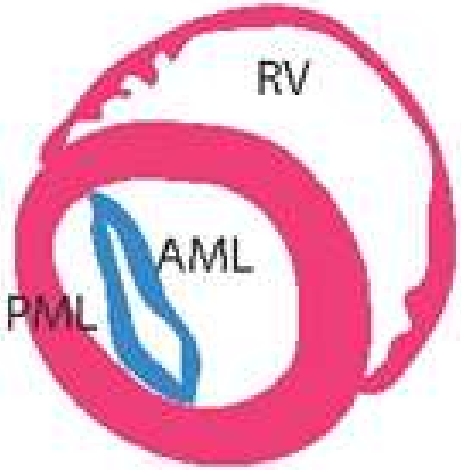
- Perikarderguss
- LV – RV Dimension
- LV Funktion
- RV Funktion
- RV Wanddicke
- MK und TK inkl. Color Doppler
- Septum Ventrikel / Vorhof

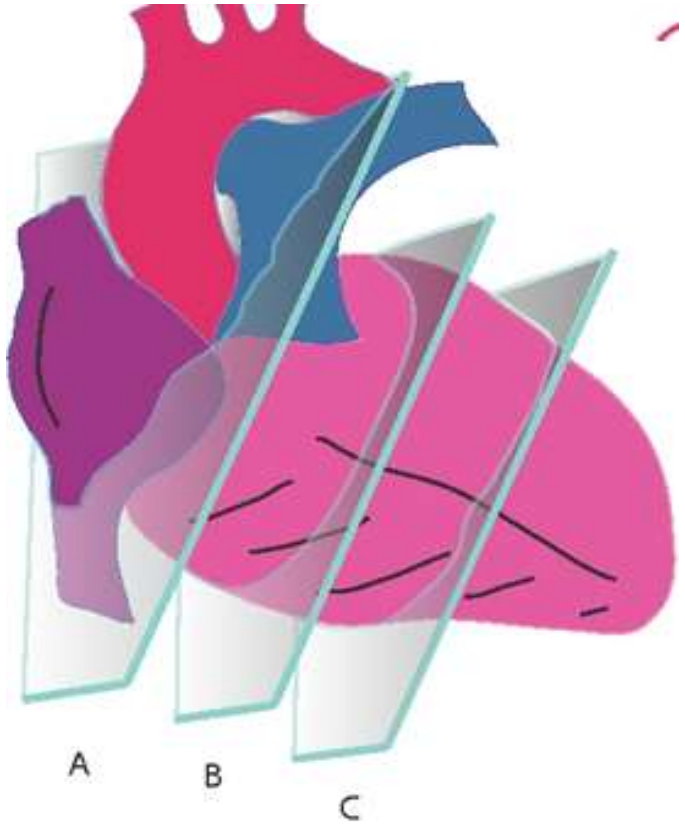


Subkostaler kurze Achse - SSAX

- Eindringtiefe: 12-15 cm
- Markierung des Schallkopfes

Ca 2 Uhr





Subkostaler kurze Achse - SSAX

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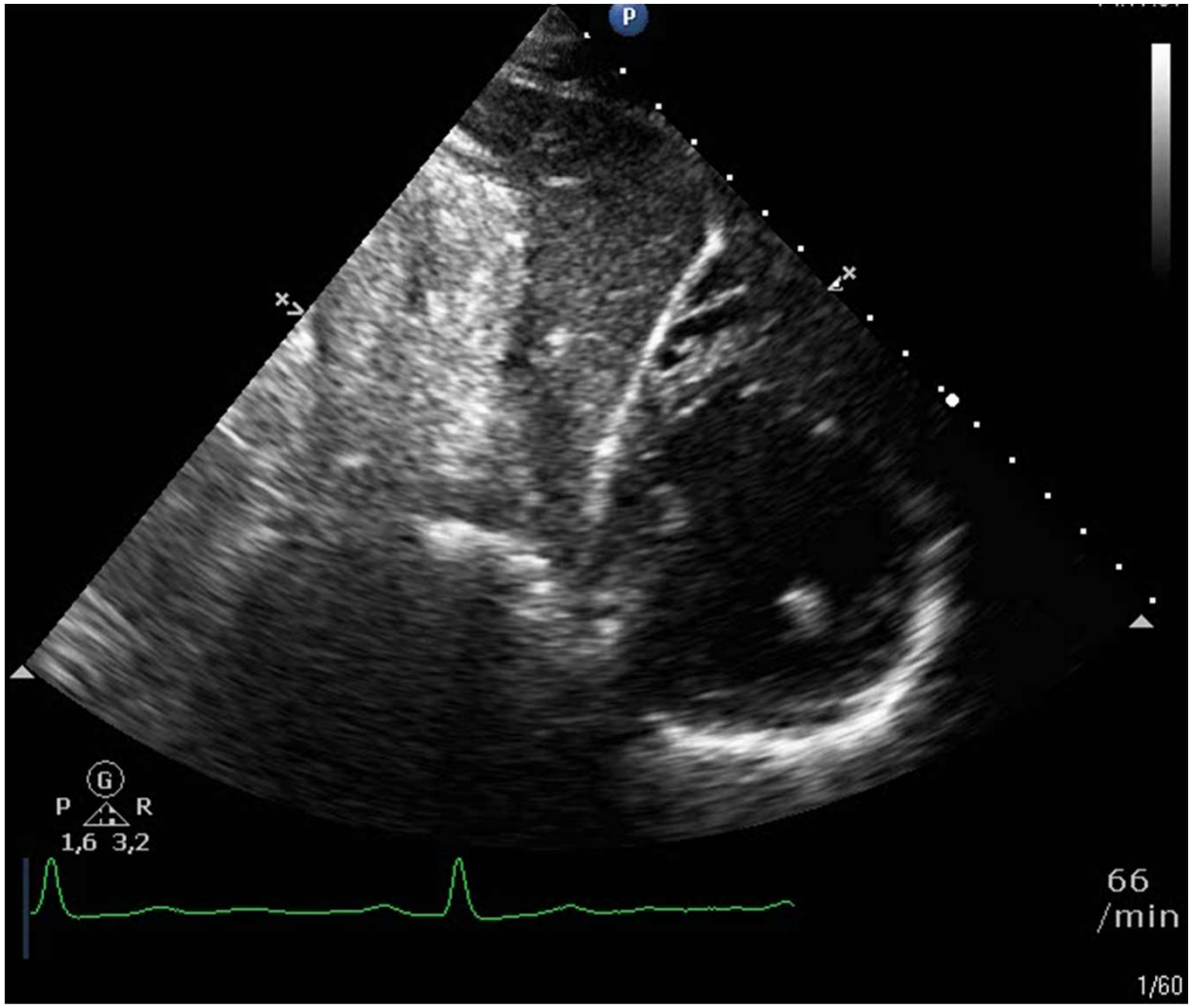
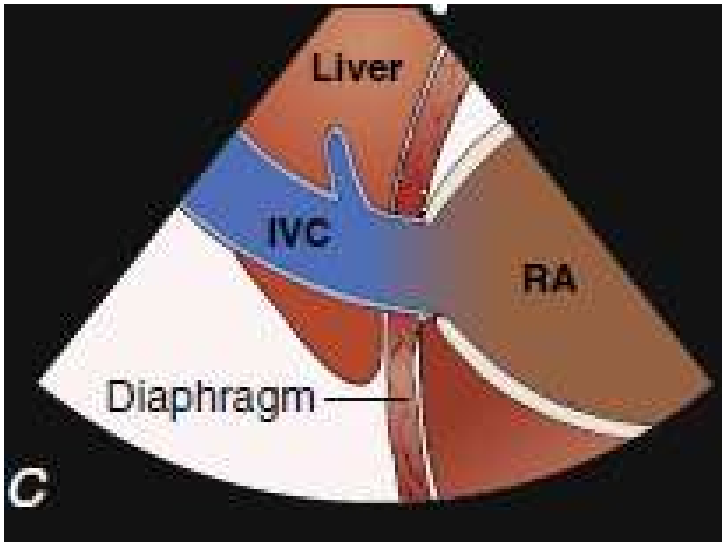
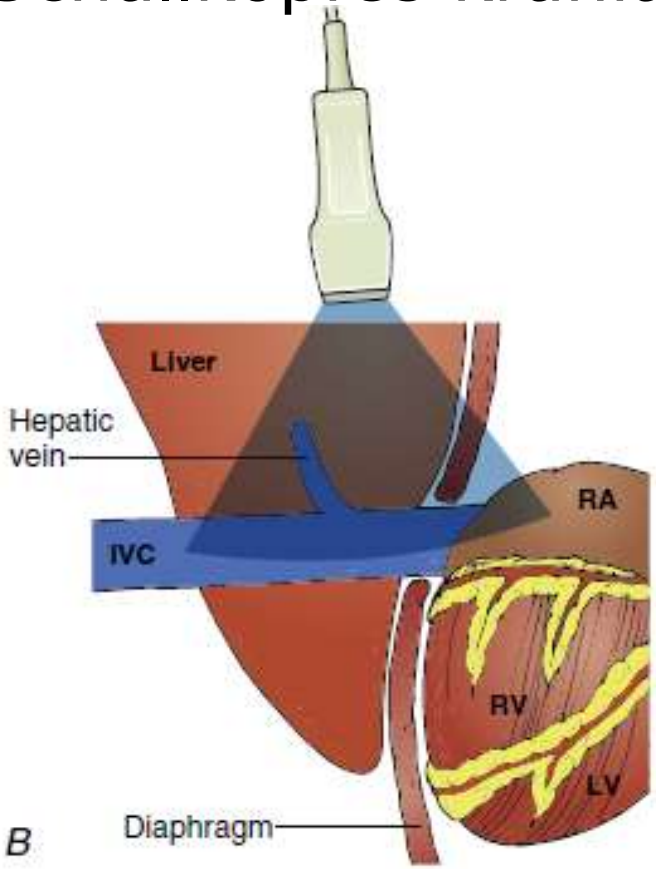
- Perikarderguss
- LV Cavum
- LV Funktion
- Ventrikel-Septum



Subkostaler Blick auf die Vena cava inferior - SIVC

- Eindringtiefe: 12-15 cm
- Markierung des Schallkopfes kranial