

LBBAP: TECNICHE E NUOVE TECNOLOGIE

Tecniche di impianto per una CSP efficace

Domenico Grieco, MD, PhD

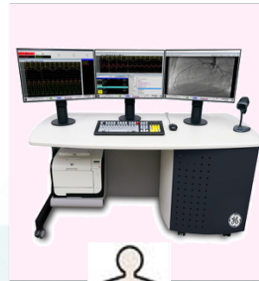
Policlinico Casilino di Roma



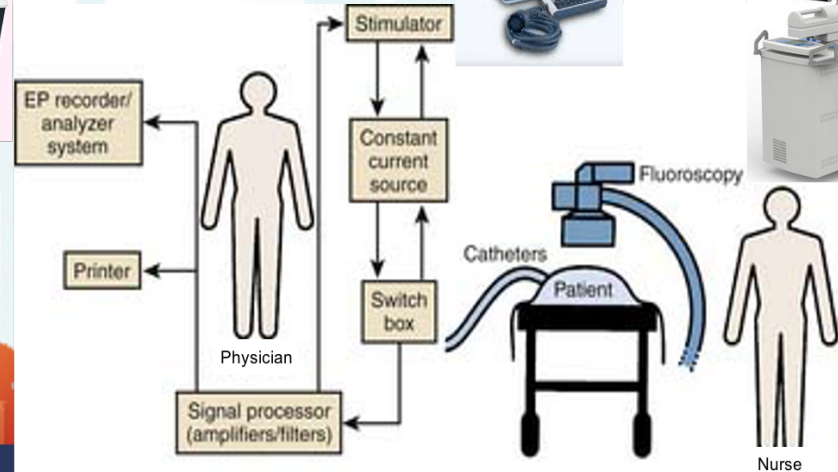
EP lab setup for physiological pacing requires **specific equipment** and **expertise** *beyond standard pacemaker implantation.*

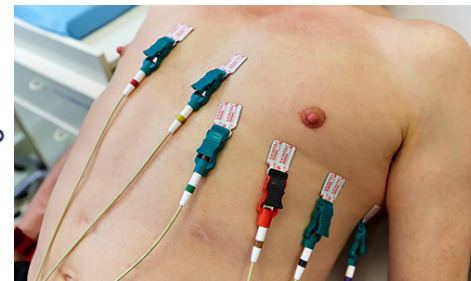
It involves

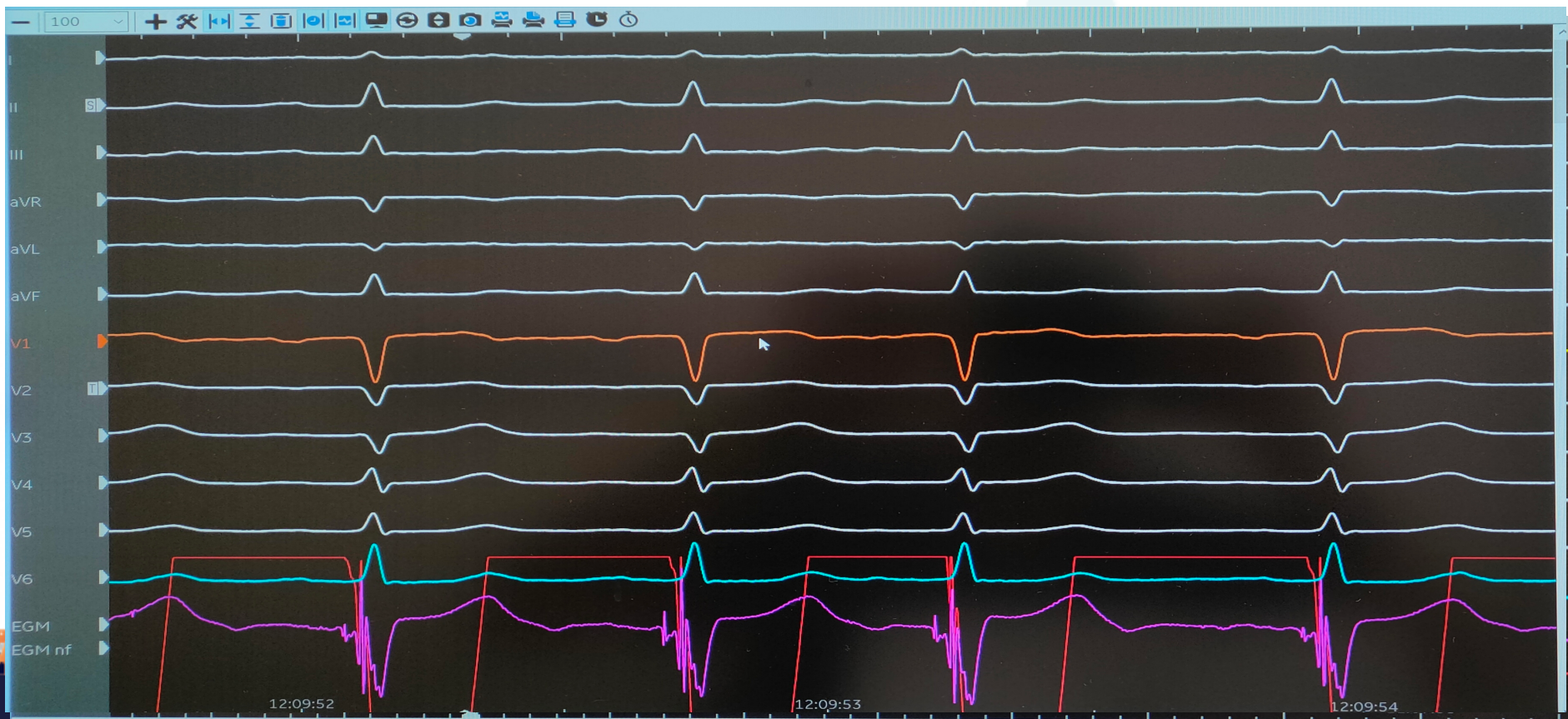
- *careful patient preparation*
- *specialized equipment*
(precise measurements to confirm types capture)
- *trained personnel*



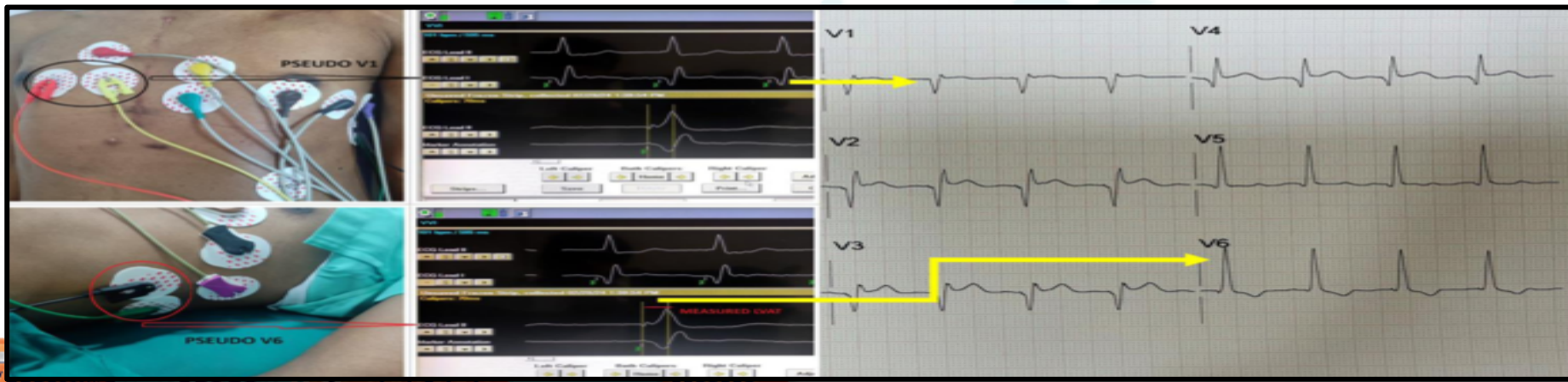
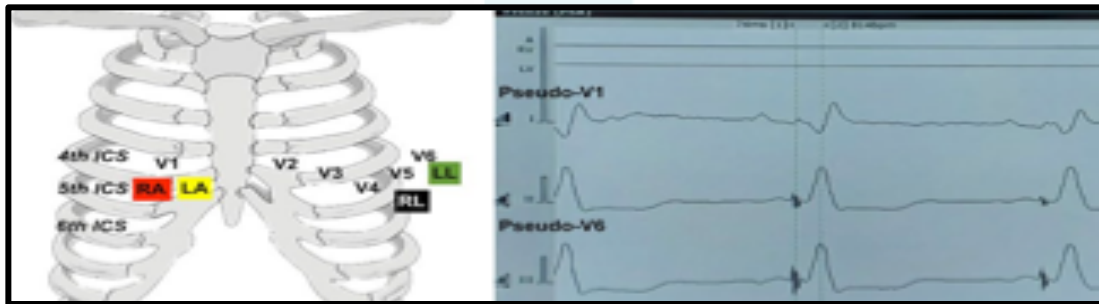
Technician



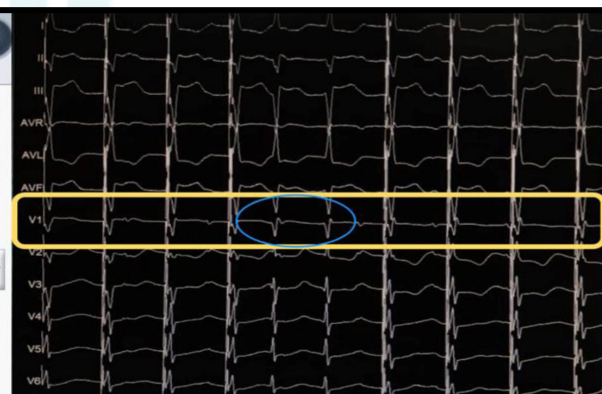
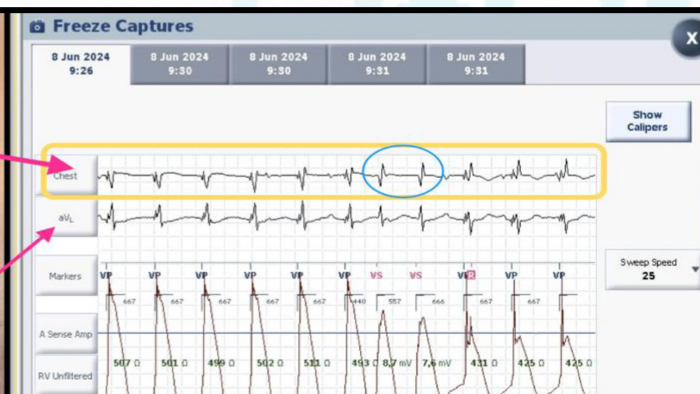
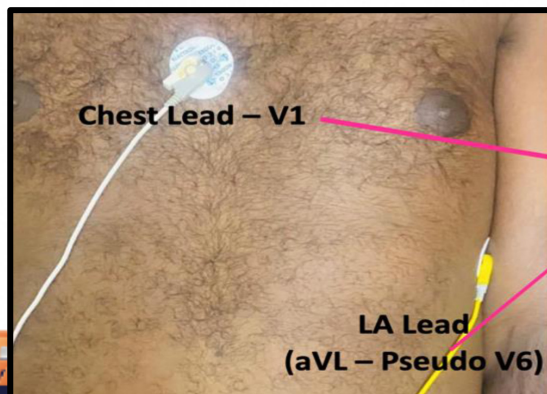
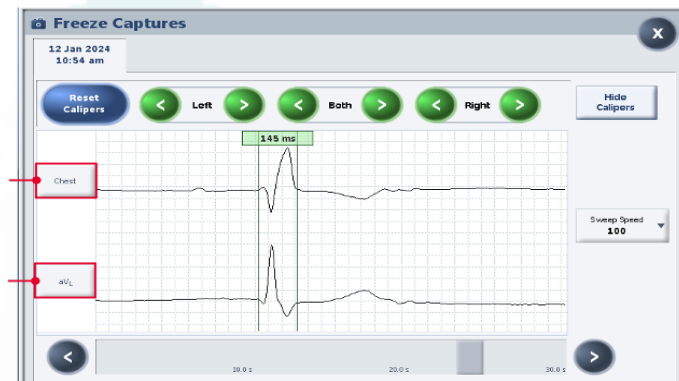
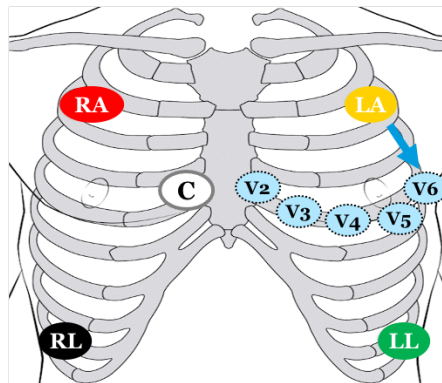




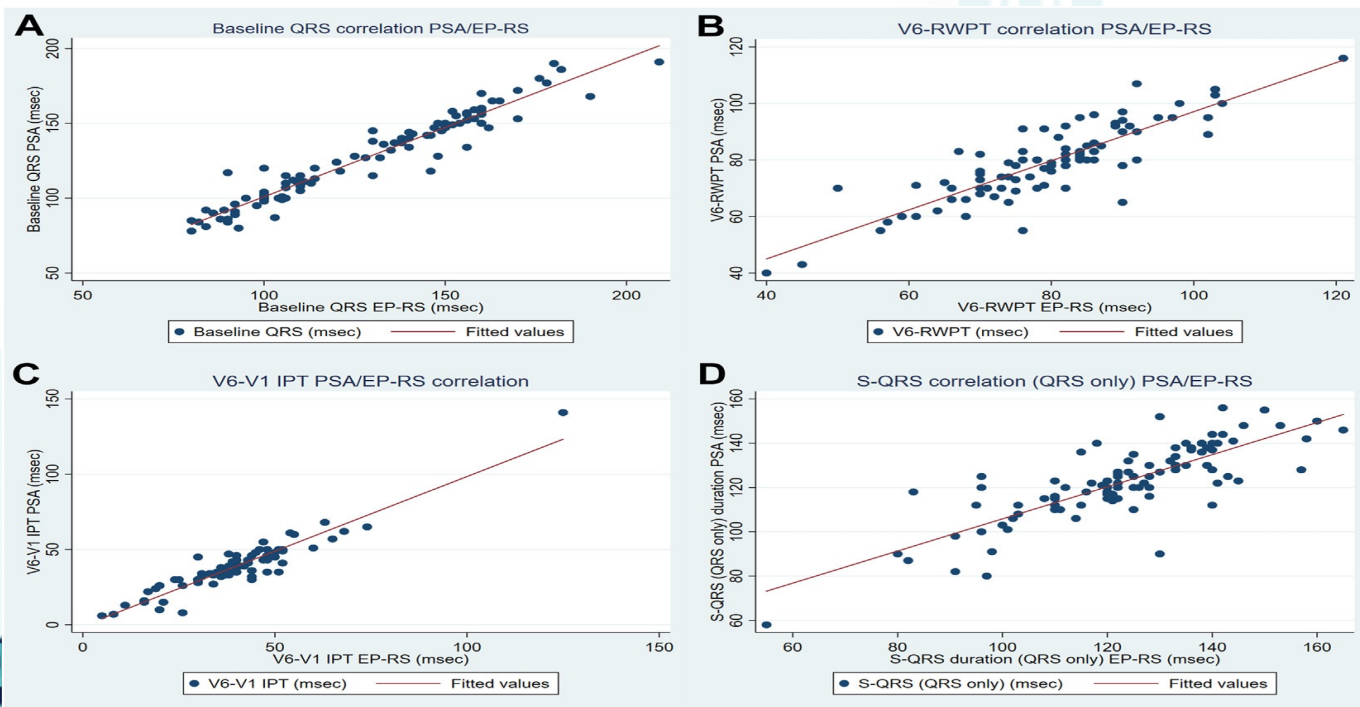
Simplified approach w/o EP recording system



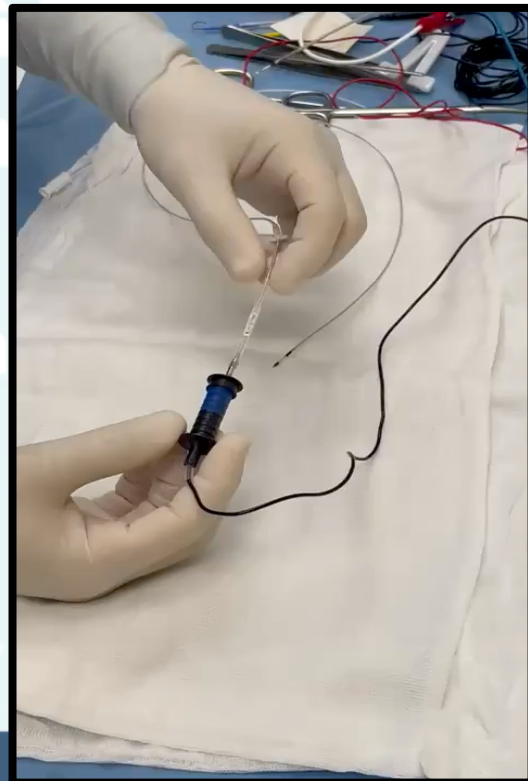
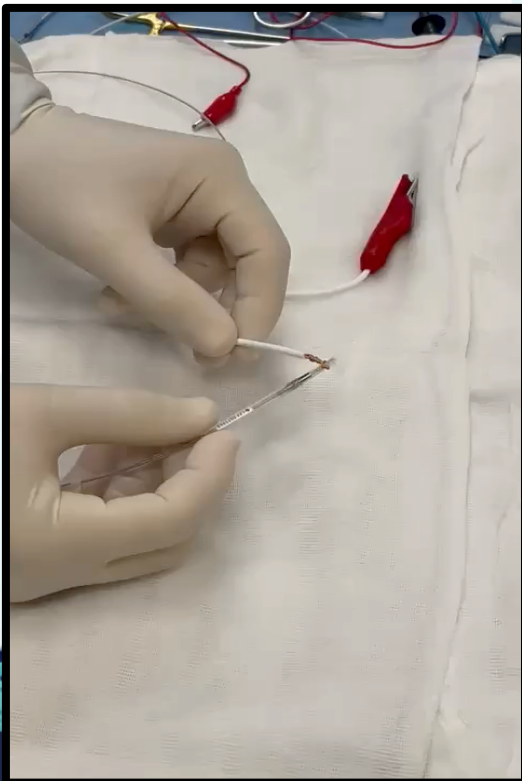
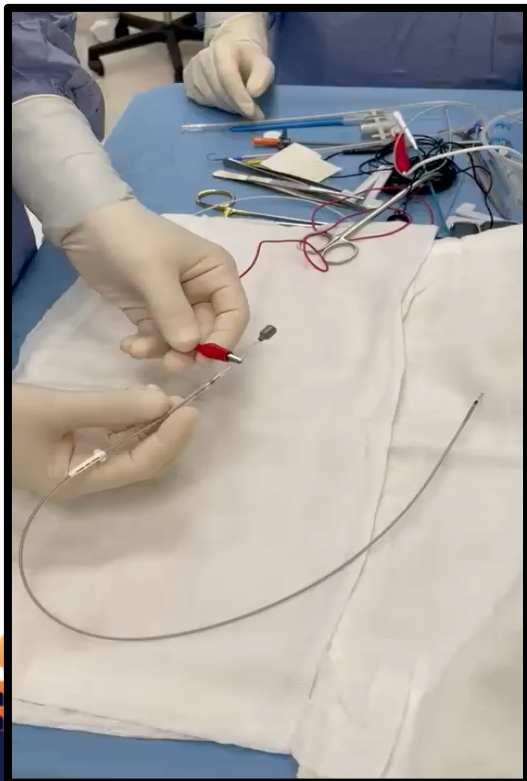
Simplified approach w/o EP recording system



Good correlation between PSA and EP-RS and among different PSA

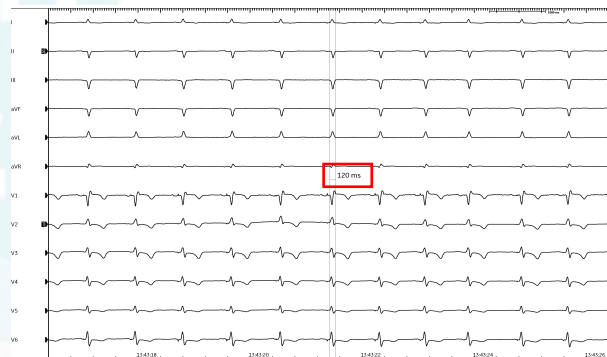
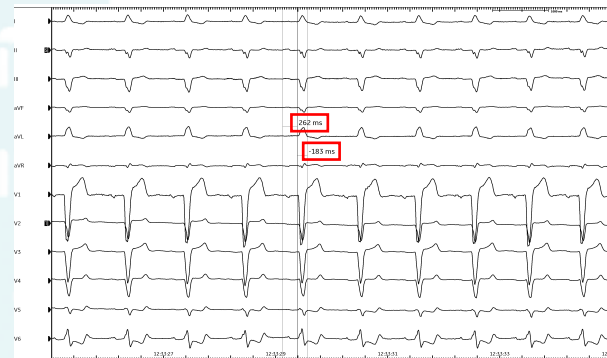
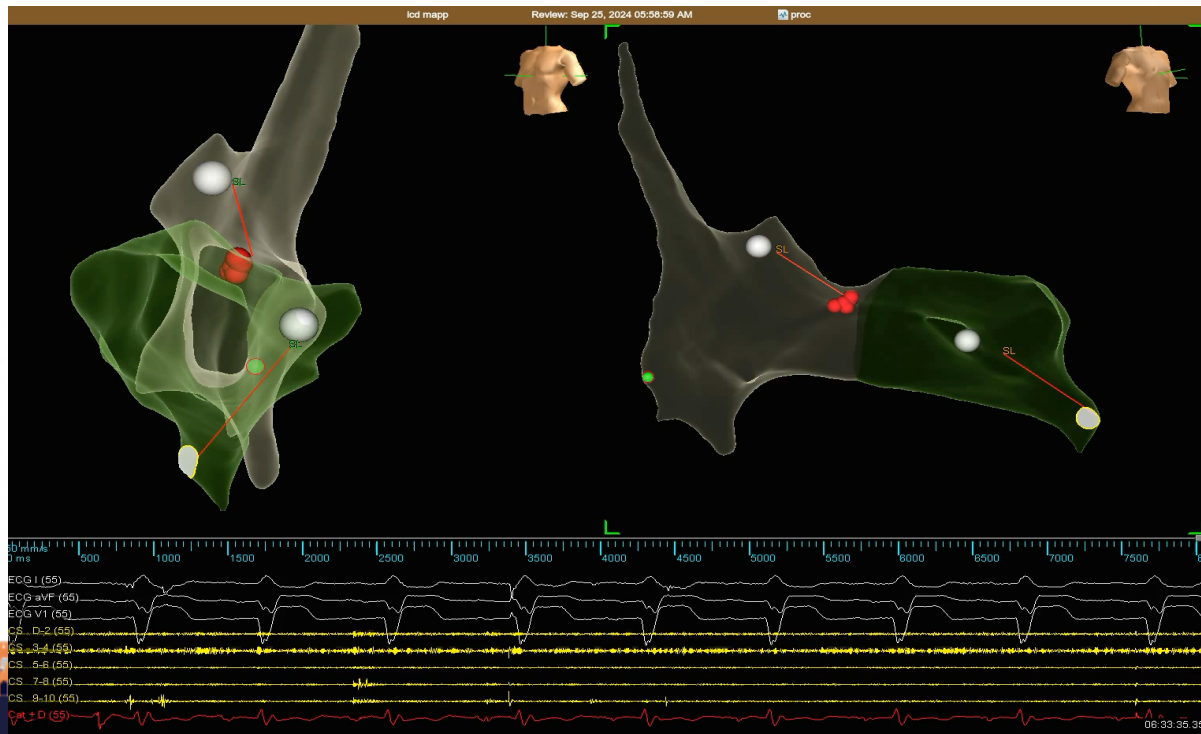


Continuous Pacing While Screwing

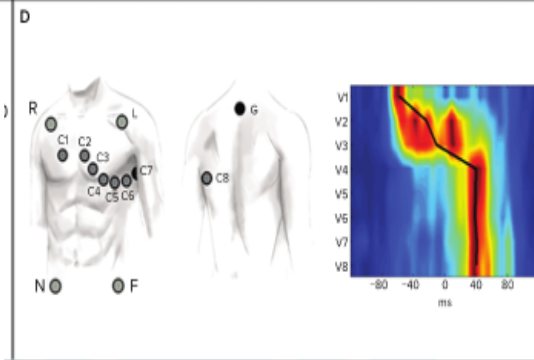
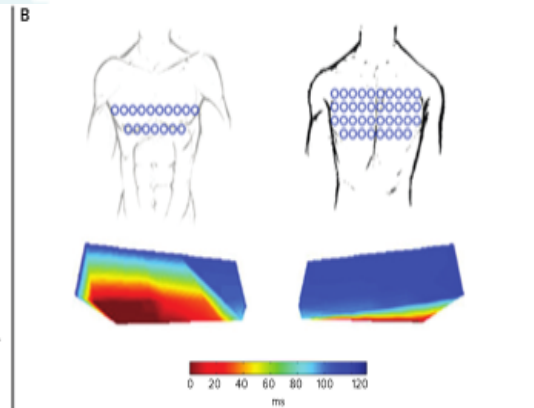
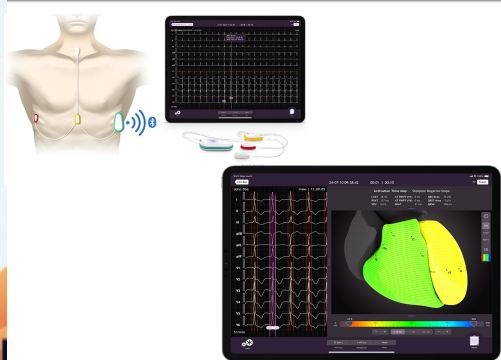
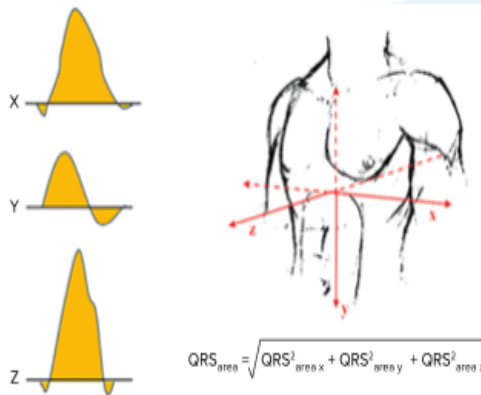
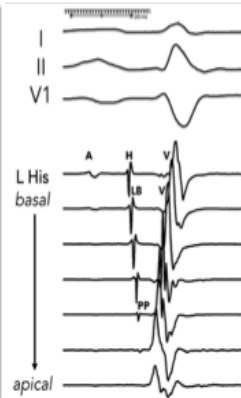
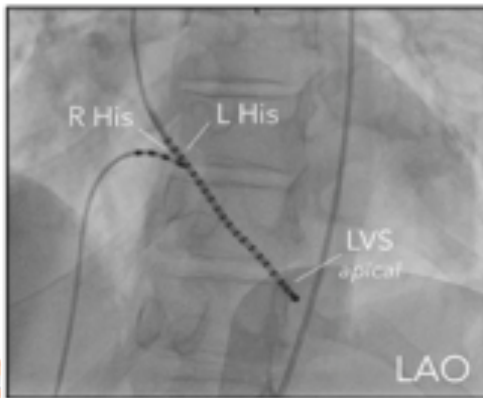




Electroanatomic Mapping System



More equipments → more details



Qualità e performance in Elettrostimolazione ed Elettrofisiologia.

Aggiornamento al documento dell'Associazione Italiana di Aritmologia e Cardistirolimolazione (AIAC) – Federazione Italiana di Cardiologia (FIC) 2010
“Struttura e organizzazione funzionale dell'Aritmologia”

- per un Centro di **II Livello** (valori annuali):
 - 60 impianti di dispositivi PM/ICD,
 - 12 impianti di CRT,
 - 60 studi elettrofisiologici comprensivi di 45 ablazioni;
- per un Centro di **III Livello** (valori annuali):
 - 100 impianti di dispositivi PM/ICD,
 - 25 impianti di CRT,
 - 100 studi elettrofisiologici comprensivi di 80 ablazioni, tra cui almeno 40 ablazioni di tachiaritmie sopraventricolari, 50 tachiaritmie ventricolari e 25 estrazioni di elettrocateretri.

Tipologia del personale

- Medici, Infermieri e Tecnici di Cardiologia con formazione, esperienza e competenza specifica nel campo dell'aritmologia non invasiva e invasiva.
- Formazione, esperienza e training documentati per la gestione delle emergenze cardiologiche.
- Conoscenza e aderenza alle specifiche linee guida o percorsi diagnostico-terapeutici condivisi.
- Presenza, oltre al medico primo operatore, di almeno un infermiere e una altra figura professionale con competenze specifiche, medica, infermieristica o tecnica.

Personnel and Training

Trained Electrophysiologists: experienced in both traditional pacing and CSP techniques.

Nurses and Technicians: need to be familiar with patient preparation, specific equipment and “unconventional” procedures for CSP.

Teamwork: effective communication and collaboration among the team members are essential.

