

ARREST US

ACIL KLİNİK US

BETÜL EVREN GÜLALP

- AHA TARAFINDAN PEA ÖNERİ OLARAK KILAVUZDA YER ALMAKTADIR.





- KPR NİN DEVAMLILIĞINI AKSATIYOR MU? 21X13
- YAŞAMDA KALIMA ETKİSİ?



- PERIKARD EFÜZYONU
- SAĞ VENTRİKÜLDE DÜZLEŞME PTE
- KALP AKTİVİTESİ

# NE ZAMAN NEREDEN NE İLE

- SEKTÖR PROB
- SUBKSİFOİD, UZUN EKSEN
- TRANSTORASİK, UZUN EKSEN
- APİKAL

**TEE TRANSÖZEFAJIAL EKO**



- PERİKARD EF.KA HASTALARININ % 4-15.
- PERİKARDİYOSENTEZ
- PERİKARD TAMPONATI

- SAĞ KALP DÜZLEŞMESİ KA HASTALARININ % 4-7.6
- HİPODİNAMİK SAĞ VENTRİKÜL GENİŞLEMESİ (SOL VENTRİKÜL HİPERDİNAMİSİ VARLIĞINDA)



- KALP AKTİVİTESİ
- İLK ULTRASONDA KALP AKTİVİTESİ OLMASINDA YAŞAMDA KALIM % 3.8.
- PEA? GERÇEK Mİ YALANCI MI? GENİŞ Mİ DAR MI?
- VF/VT
- ASİSTOL

# The CASA Exam

**1. Cardiac Tamponade?**

<10 seconds



*2 min ACLS*

**2. Right heart strain?**

<10 seconds



*2 min ACLS*

**3. Cardiac activity?**

<10 seconds

**Pneumo/FAST**

(As indicated)





- KPR ARALIKLARININ KISALTMANIN PÜF NOKTALARI
- -RİTİM ANALİZİ ARALIĞINA BAŞLAMADAN PROBU YERLEŞTİRMEK?
- KOMPRESYONLAR SIRASINDA UYGUN PENCERE İLE BAŞLAYABİLMEK
- -AYRI UYGULAYICI?
- -KAYIT HEMŞİRESİ?
- RİTİM ANALİZ SÜREÇLERİNDEKİ VIDEO KAYDININ KOMPRESYON SIRASINDA YENİDEN İZLENMESİ

- EK AYIRD EDILEBİLECEKLER
- AORT DISSEKSİYONU
- **GENİŞ AORT**
- **FLAP GÖRÜNÜMÜ**
- **+SUP MEDİASTEN ÇENTİK**
- VENTRİKÜL RÜPTÜRÜ....
- **PTE**
- **+TRANSTORASİK KISA EKSEN, SAĞ VENT.ÇIKIŞI PULMONER ARTER**



- EK BASAMAKLAR
- PNÖMOTORAKS VE FAST

- ARREST İŞLEM US
- ARTER HATTI
- SANTRAL VENÖZ YOK
- KRİKOTİROİD
- ENTÜBASYON DOĞRULAMA



- SPONTAN DOLAŞIMIN SAĞLANMASI İLE KAPSAYICI ACİL KLİNİK US UYGULANMALIDIR
- **ALGORİTMİK** ACİL KLİNİK AYIRICI TANI US



- 1. [HTTPS://WWW.ACEPNOW.COM/ARTICLE/INTRODUCING-THE-CASA-EXAM-A-NEW-PROTOCOL-TO-GUIDE-POINT-OF-CARE-ULTRASOUND-IN-CARDIAC-ARREST/4/](https://www.acepnow.com/article/introducing-the-casa-exam-a-new-protocol-to-guide-point-of-care-ultrasound-in-cardiac-arrest/4/)
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