

How to select the case for ICD and CRT?

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Based on the results of multiple randomized controlled trials, demonstrating significant reductions in mortality, cardiac implantable electronic devices (CIEDs) have clearly become an important treatment modalities for patients with heart failure (HF). In Korea, CIED for HF patient such as implantable cardioverter defibrillator (ICD) and cardiac resynchronization therapy (CRT) has been underutilized because of cultural proscriptions, low heart failure awareness of patients and strict insurance coverage criteria. However, CIED in HF has recently increased steadily in Korea. Proper patient selection for ICD and CRT is a very important clinical issue and we will briefly review the "real-world" studies which can provide valuable insights about the proper selection of patients outside of the trial populations.