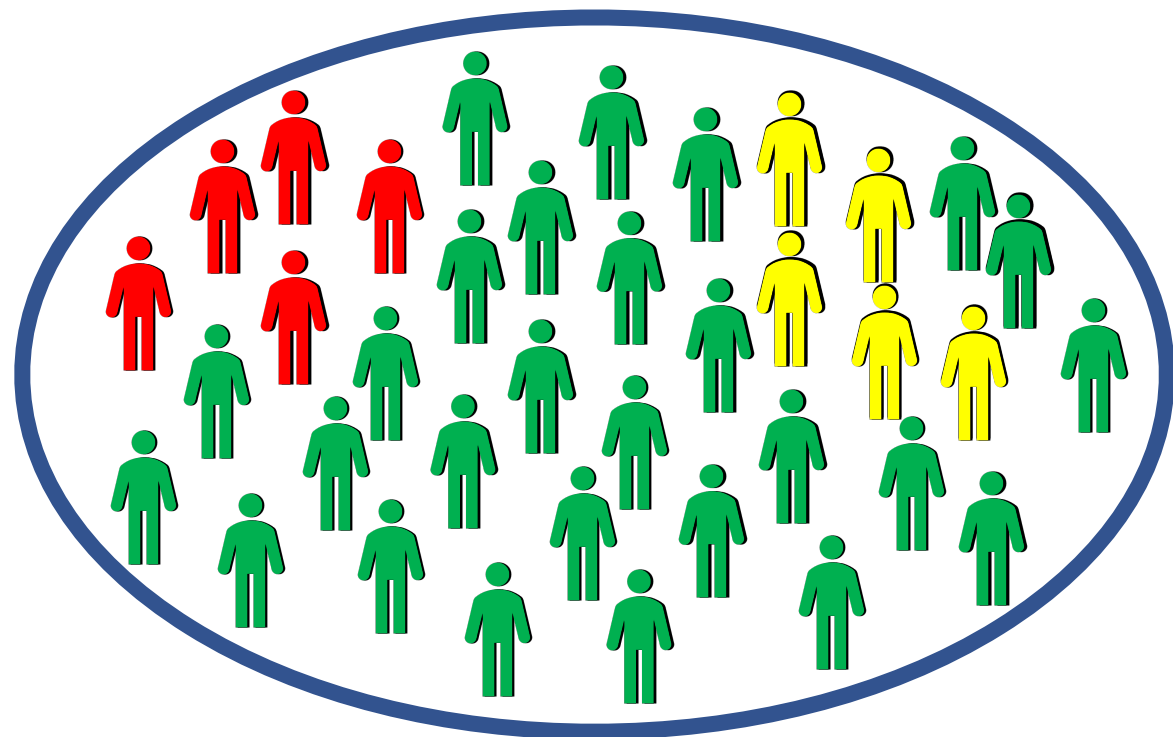
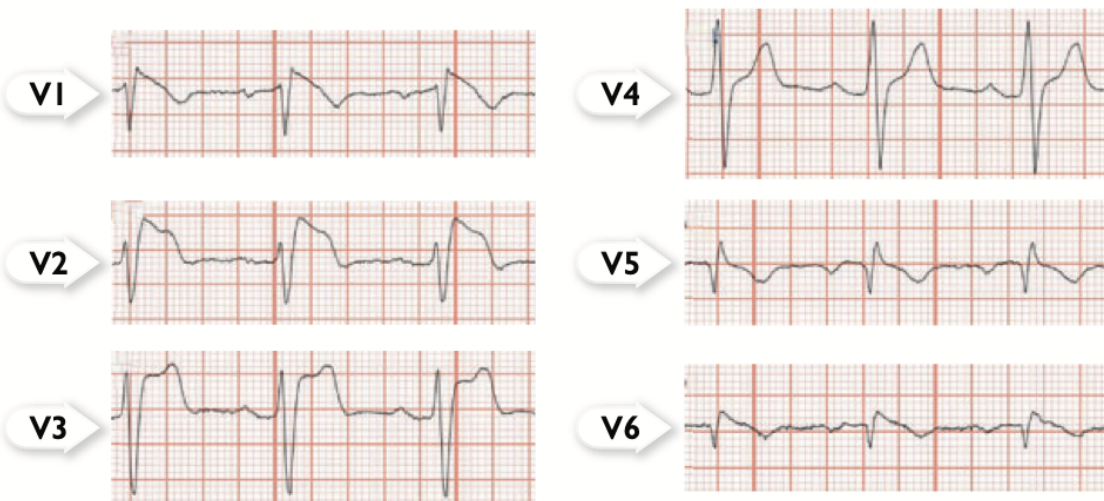


ICM NEL 2026: LA CONTINUA EVOLUZIONE DELLE INDICAZIONI AGLI OUTCOME CLINICI E OTTIMIZZAZIONE DELLE RISORSE

MONITORAGGIO AVANZATO NELLA SINDROME DI BRUGADA: RUOLO DI TEMPERATURA, MORFOLOGIA E MONITORAGGIO REMOTO ICM

Dott. S. Iacopino, Dott. D. Panico





L'UTILIZZO DEGLI **ICMs** RAPPRESENTA UNA POTENZIALE STRATEGIA PER STRATIFICARE IL RISCHIO DI **SCD**
NEI PAZIENTI CON **SINDROME DI BRUGADA**





European Heart Journal (2024) **45**, 1266–1268
<https://doi.org/10.1093/eurheartj/ehae136>

EDITORIAL
Arrhythmias

Can an implantable loop recorder improve risk stratification and appropriate management in Brugada syndrome?

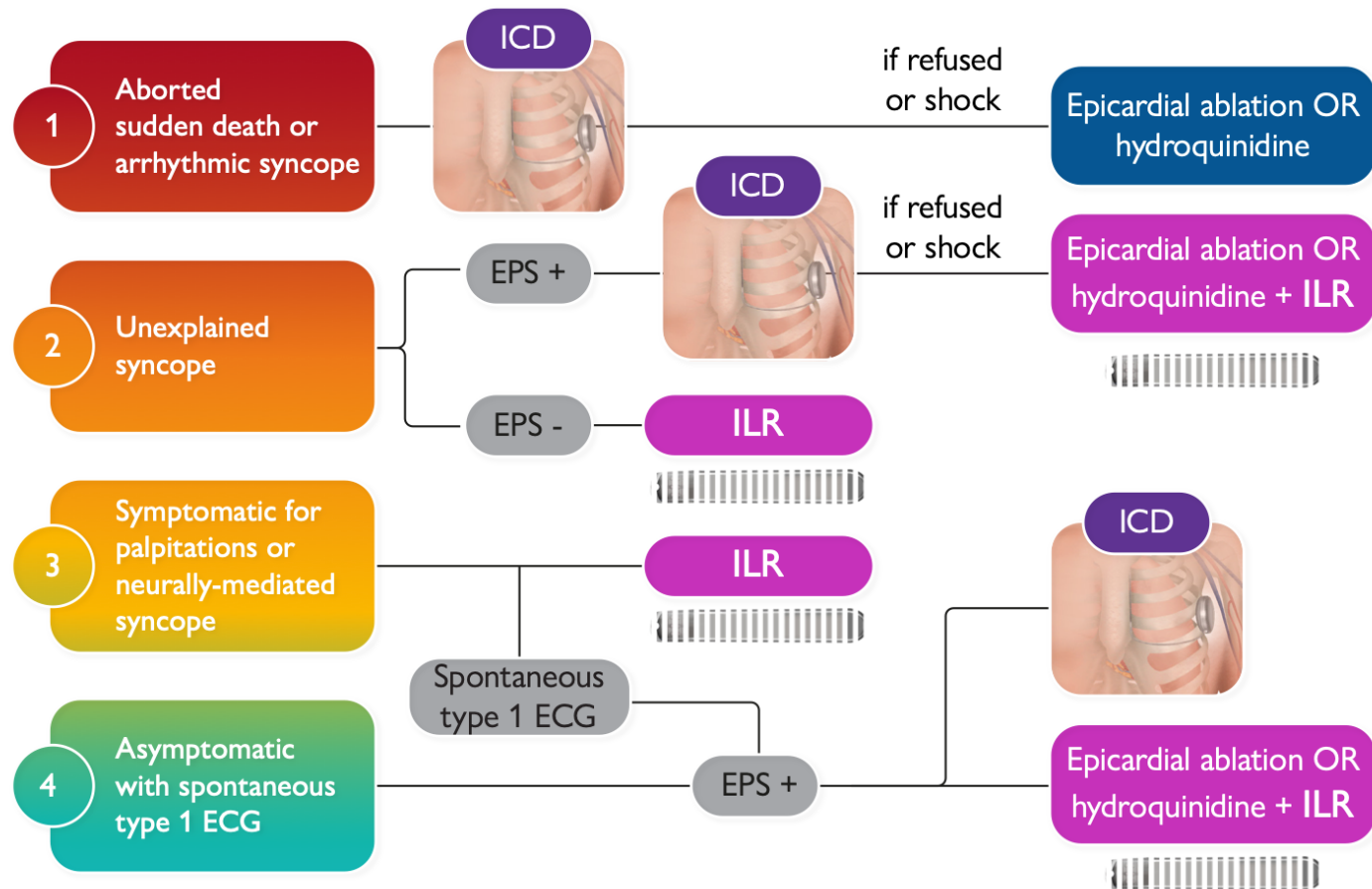
Fiorenzo Gaita  ^{1,2*}, Natascia Cerrato³, and Carla Giustetto^{2,4}



Can an implantable loop recorder improve risk stratification and appropriate management in Brugada syndrome?

Fiorenzo Gaita^{1,2*}, Natascia Cerrato³, and Carla Giustetto^{2,4}

Proposed indications to implantable loop recorder (ILR), electrophysiological study (EPS) and therapeutic management in Brugada patients





ESC

European Society
of Cardiology

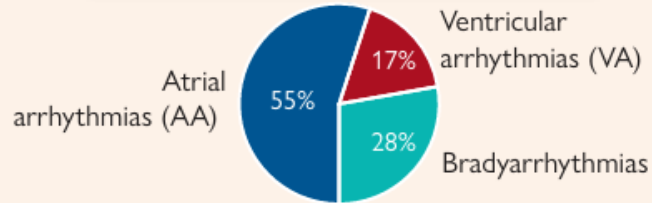
European Heart Journal (2024) **45**, 1255–1265
<https://doi.org/10.1093/eurheartj/ehae133>

CLINICAL RESEARCH

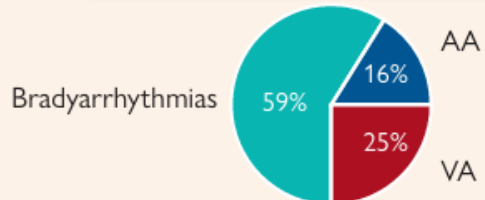
Arrhythmias

Implantable loop recorders in patients with Brugada syndrome: the BruLoop study

Arrhythmic events (25.4%)



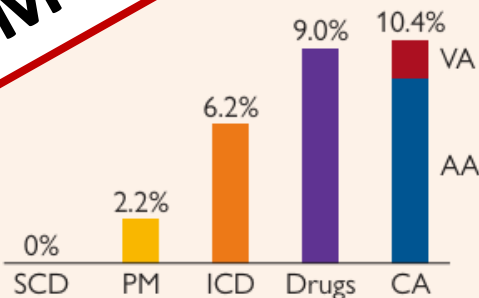
Arrhythmic syncope (8.6%)



Predictors of VA

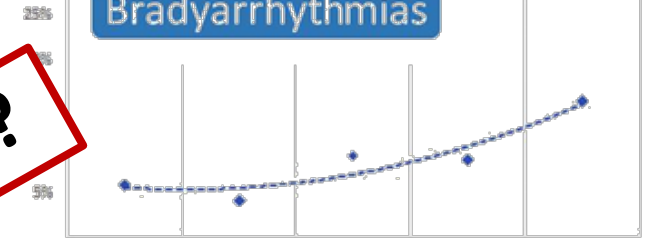
VF induction

Arrhythmic events (18.4%)

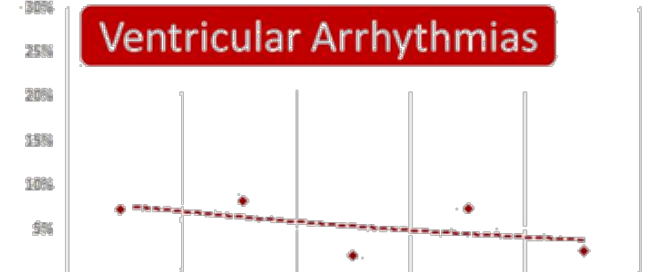


SOLO MONITORAGGIO ARITMIE?

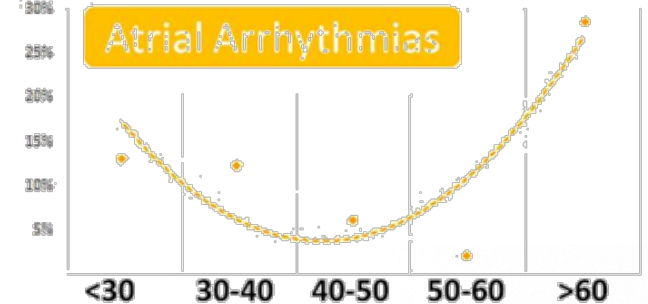
Bradyarrhythmias



Ventricular Arrhythmias



Atrial Arrhythmias



Bergonti et. al EHJ 2024, The BruLoop study



Temperature and ST-segment morphology remote monitoring: new perspectives for implantable cardiac monitors in Brugada syndrome

Saverio Iacopino MD¹  | Paolo Sorrenti MSc¹ | Emmanuel Fabiano MD¹ |
Jacopo Colella MD¹ | Alessandro Di Vilio MD¹ | Giovanni Statuto MD¹  |
Pasquale Filannino MD¹ | Paolo Artale MD¹ | Daniele Giacomelli PhD²  |
Gianluca Peluso MSc¹ | Gennaro Fabiano MSc¹ | Giuseppe Campagna MSc¹ |
Edoardo Cecchini MD¹  | Andrea Petretta MD¹



40 anni, uomo

- Storia di sincope inspiegata
- Pattern Brugada tipo 2 all'ECG di superficie

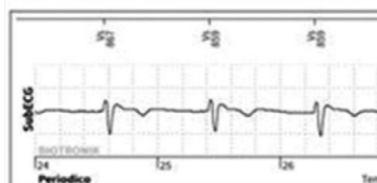
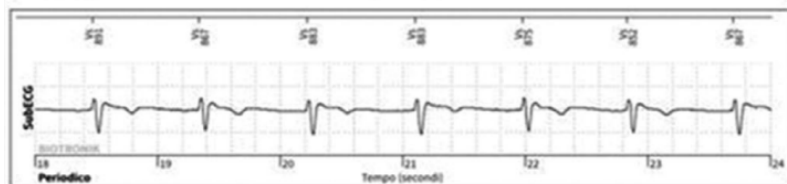
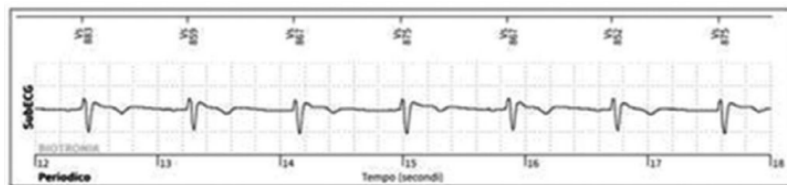


- Test all'Ajmalina positivo per slatentizzazione pattern tipo 1
- Studio di inducibilità ventricolare negativo per induzione di aritmie ventricolari sostenute

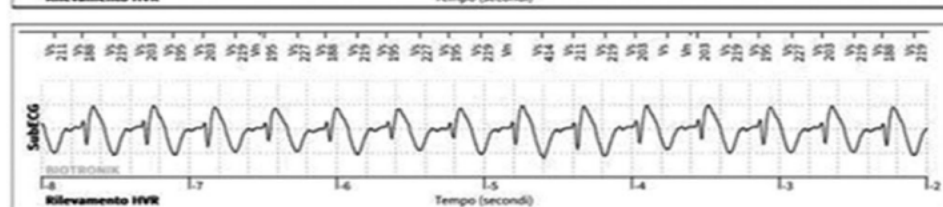
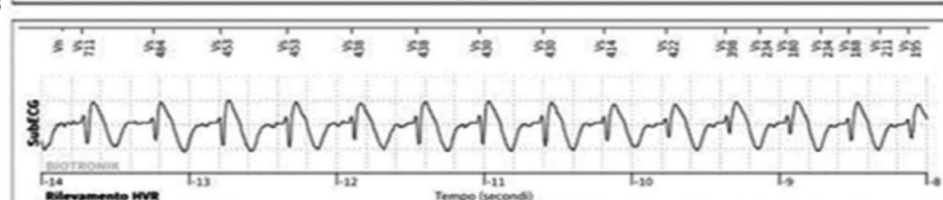
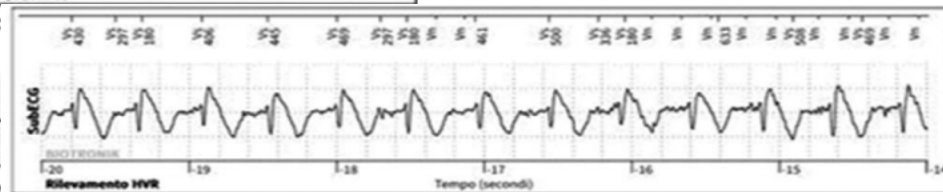


IMPIANTO DI ILR

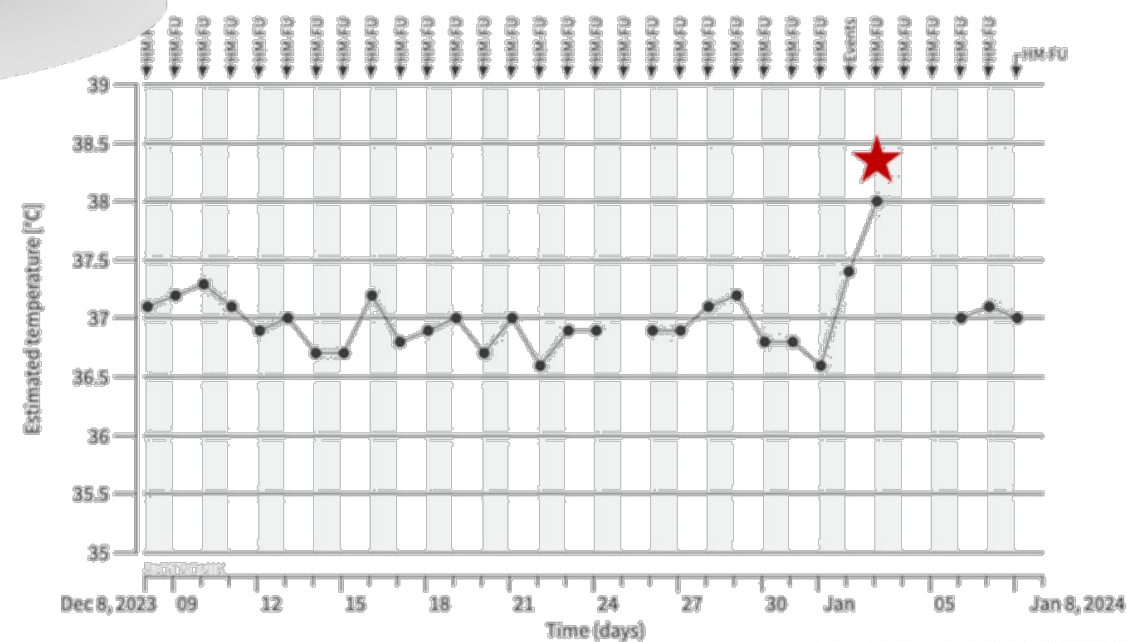




basale



in corso di febbre



JACC: CASE REPORTS

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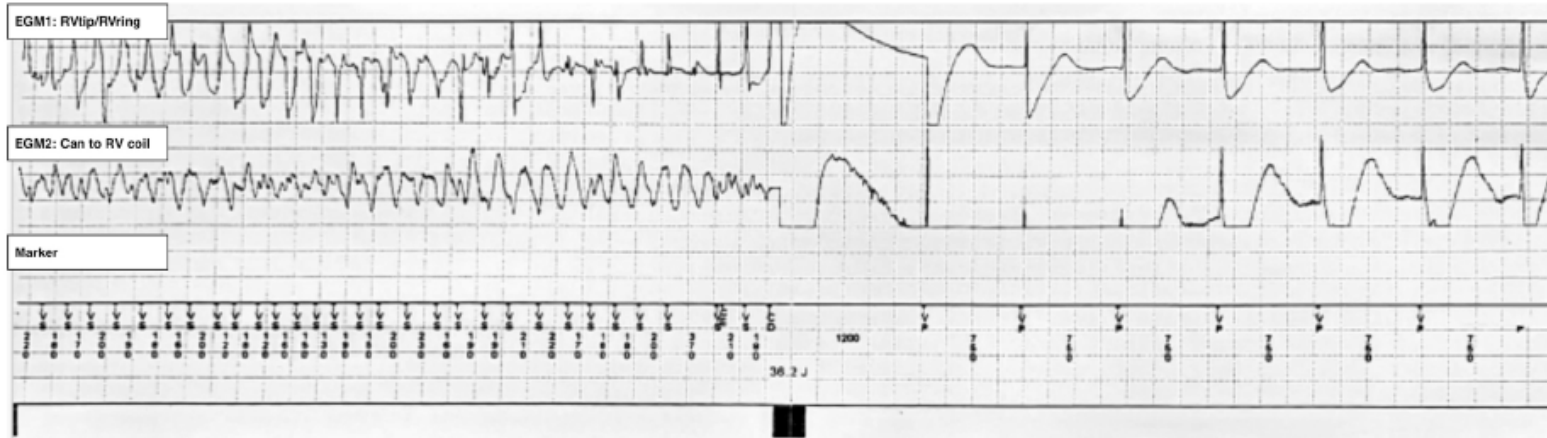
VOL. 30, NO. 28, 2025

RHYTHM DISORDERS AND ELECTROPHYSIOLOGY

CLINICAL CASE

Temperature-Induced ICD Malfunction in a Patient With Brugada Syndrome

Surachat Jaroonpipatkul, MD, Apichai Pokawattana, MD



- 43 anni, Uomo
- ICD in prevenzione secondaria (FV)

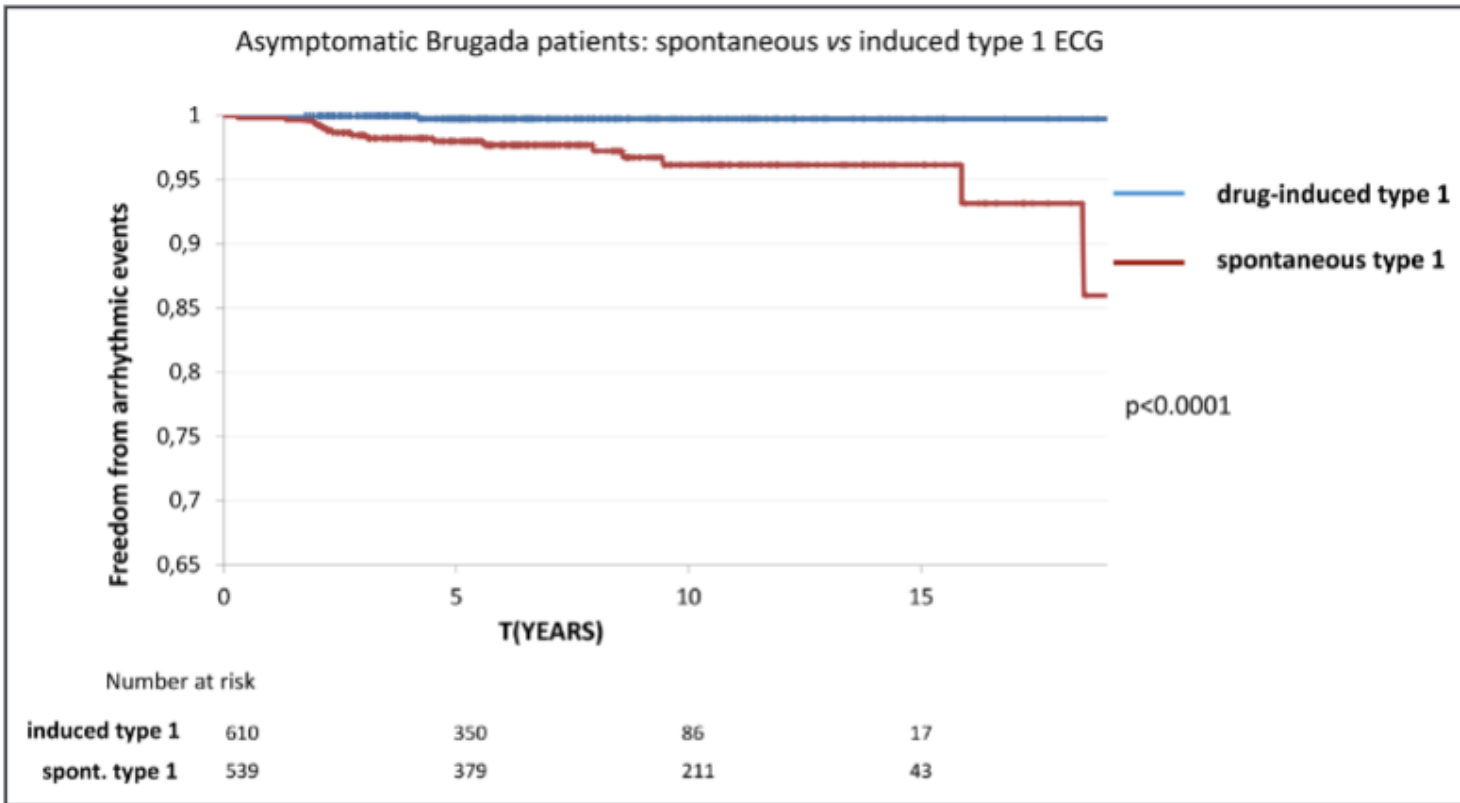
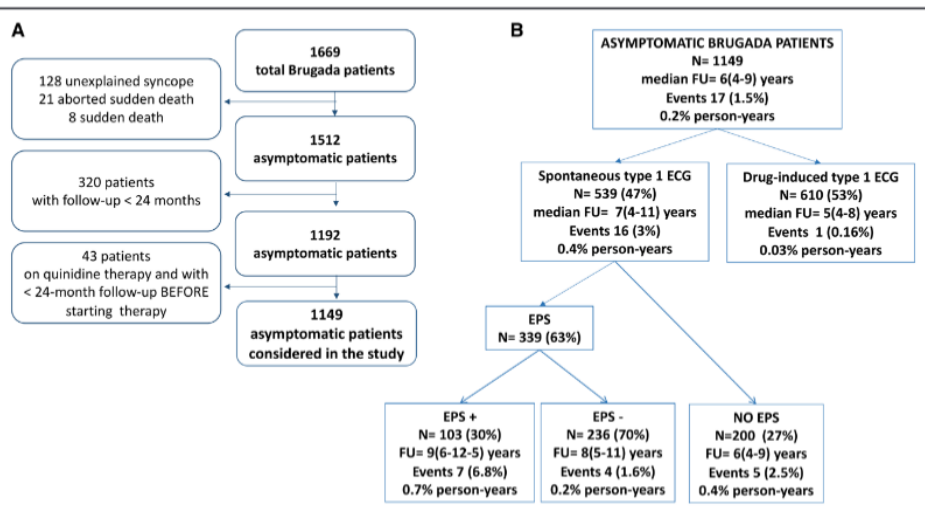


Circulation

ORIGINAL RESEARCH ARTICLE

Asymptomatic Patients With Brugada ECG Pattern: Long-Term Prognosis From a Large Prospective Study

Fiorenzo Gaita¹, MD; Natascia Cerrato², MD; Carla Giustetto³, MD; Annamaria Martino, MD, PhD; Laura Bergamasco⁴, PhD; Michele Millesimo⁵, MD; Lorella Barbonaglia, MD; Paula Carvalho, MD; Domenico Caponi, MD; Andrea Saglietto⁶, MD; Giacomo Bonacchi⁷, MD; Francesca Bianchi, MD; Elisa Silveti⁸, MD; Cinzia Crescenzi⁹, MD; Stefano Canestrelli, MD; Melissa De Maio, MD; Gaetano Maria De Ferrari, MD; Giuseppe Musumeci¹⁰, MD; Francesco Rametta, MD; Marco Scaglione, MD; Leonardo Calò¹¹, MD



Utilization of implantable cardiac monitors in detecting type 1 patterns in brugada syndrome

A. Dinatale¹; A. Crocamo¹; L. Bearzot¹; G. Gonzi¹; A. Guidorossi¹; D. Giacomelli²; M. Bassini²; D. Grassini²; G. Niccoli¹; D. Ardissino¹; M. F. Notarangelo¹

¹Hospital of Parma, Parma, Italy

²Biotronik Italia, Milan, Italy

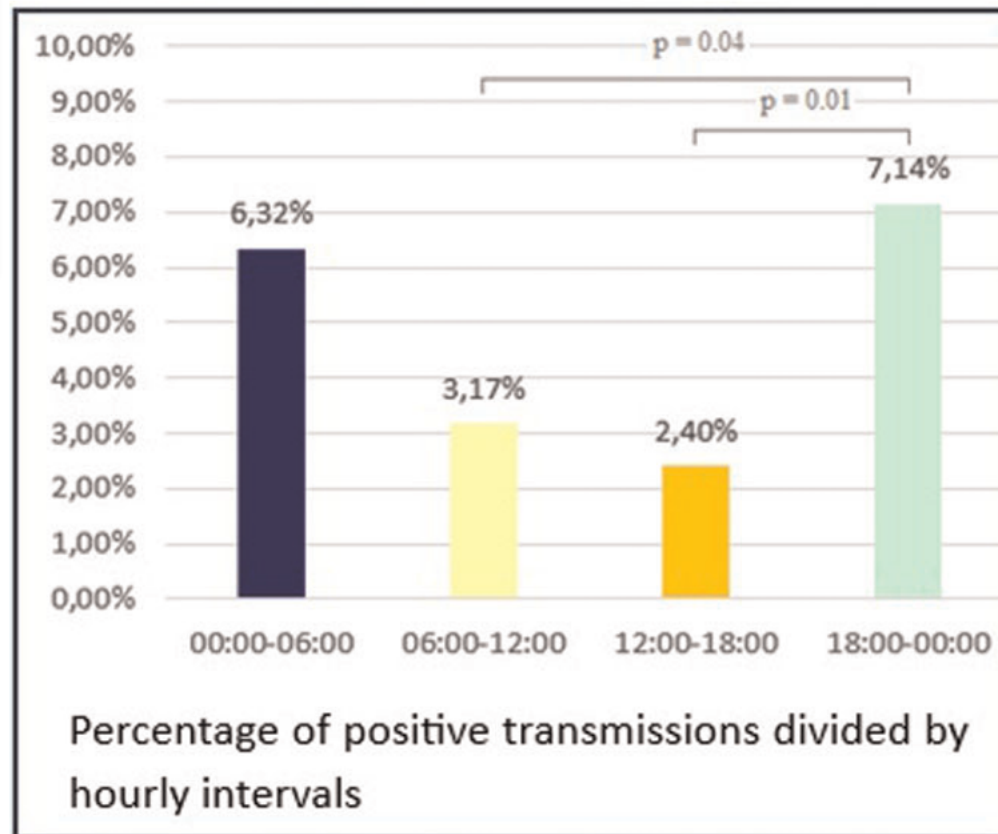


21 pazienti

Pattern tipo 1 indotto farmacologicamente

ICM in II spazio intercostale sinistro

- FUP medio 6 mesi (7818 trasmissioni)
- Pattern tipo 1 spontaneo nel 2.2% delle trasmissioni (6 pazienti, 28.6% popolazione studiata)



ICM: DA SEMPLICI REGISTRATORI DI ARITMIE A SISTEMI DI MONITORAGGIO MULTIPARAMETRICO

- Monitoraggio continuo pattern tipo 1
- Quantificazione del burden del pattern tipo 1
- Monitoraggio automatizzato T° corporea
- Sviluppo di algoritmi predittivi basati su AI



THANKS FOR YOUR ATTENTION

