

ISRAEL HEART SOCIETY האיגוד הקרדיולוגי בישראל
החוג הישראלי לקיצוב ואלקטרופיזיולוגיה

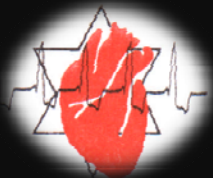


THE ISRAELI WORKING GROUP ON PACING AND ELECTROPHYSIOLOGY

National ICD Registry

From Guidelines to Real World Practice

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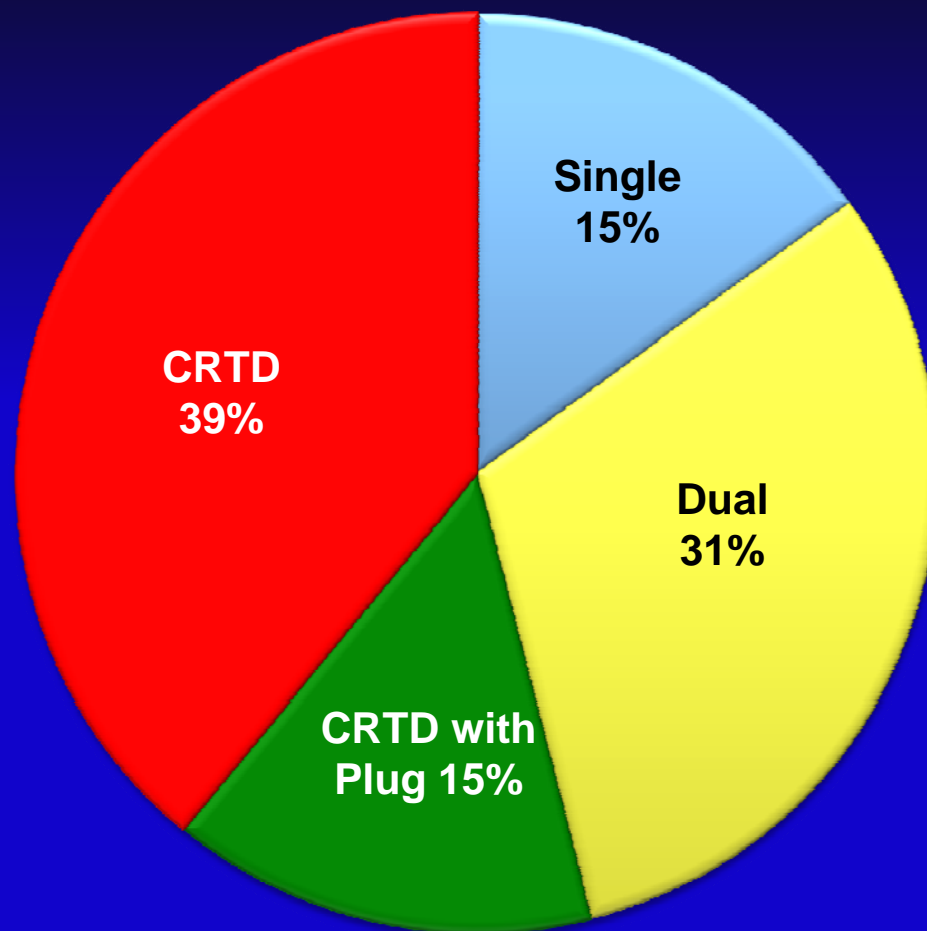
21 Participating Centers

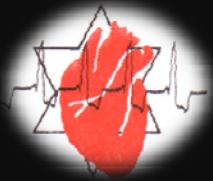




New Implants

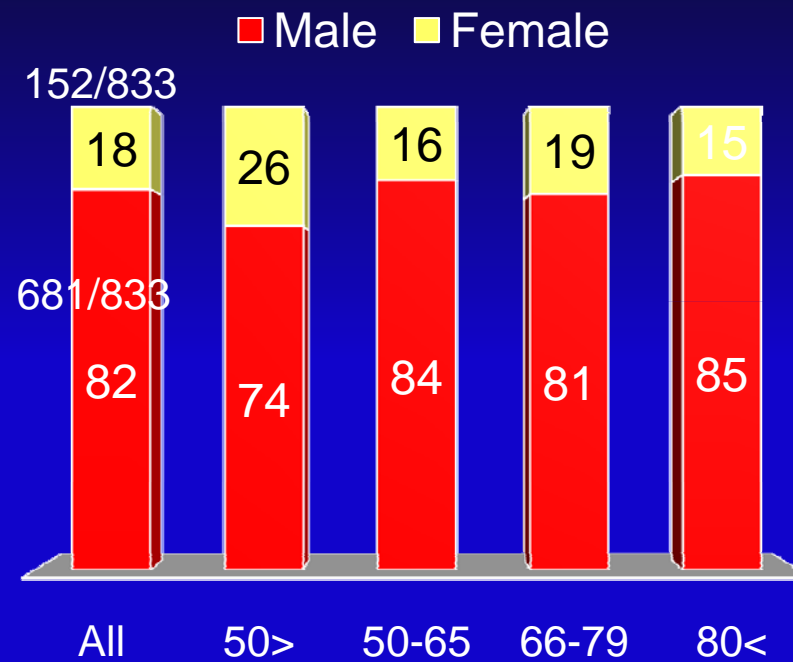
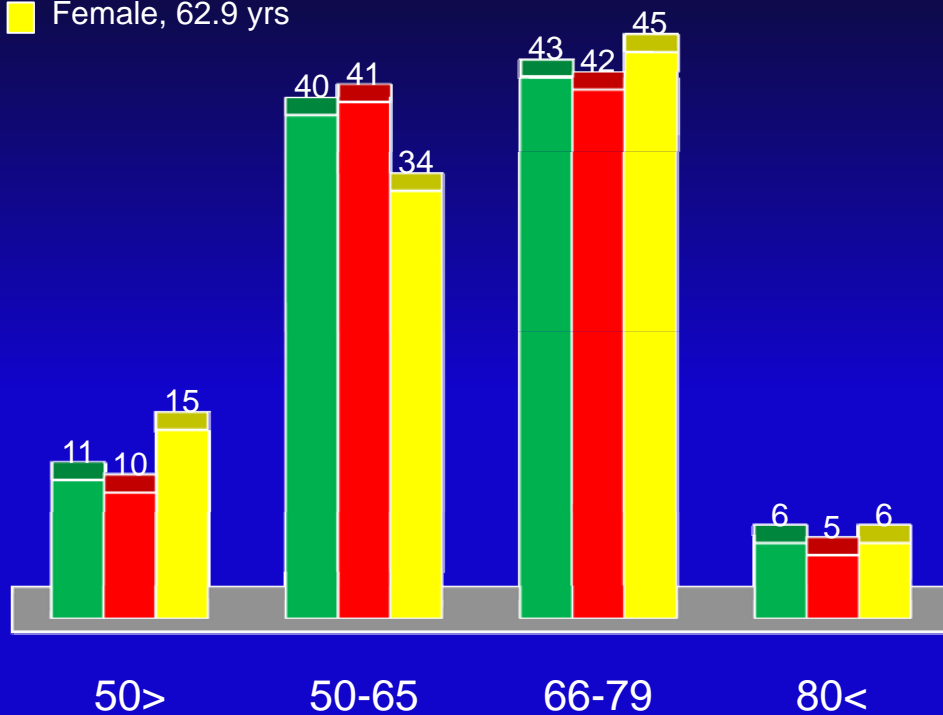
ICD Type





Age Groups and Sex

- All, 64 yrs
- Male, 64.3 yrs
- Female, 62.9 yrs



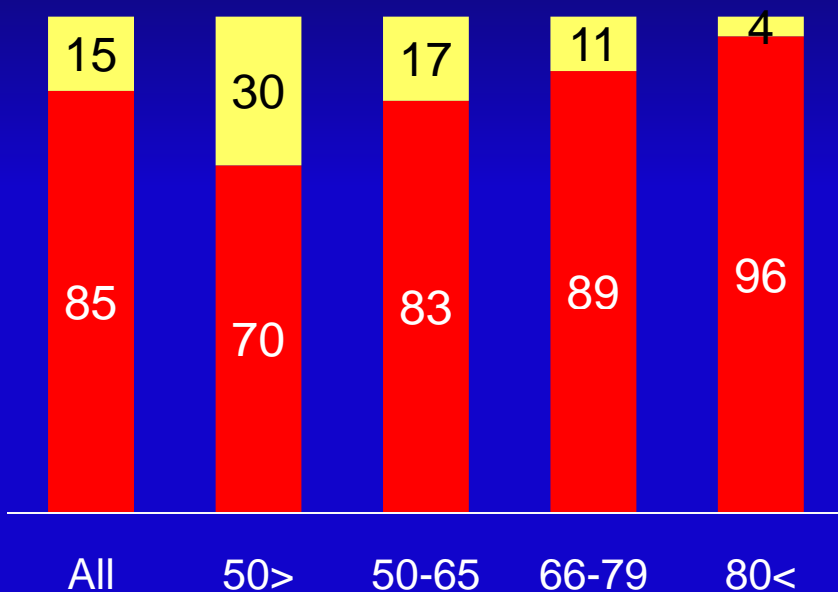


Age Group and Ethnicity

85% Jews , 13% Israeli Arabs

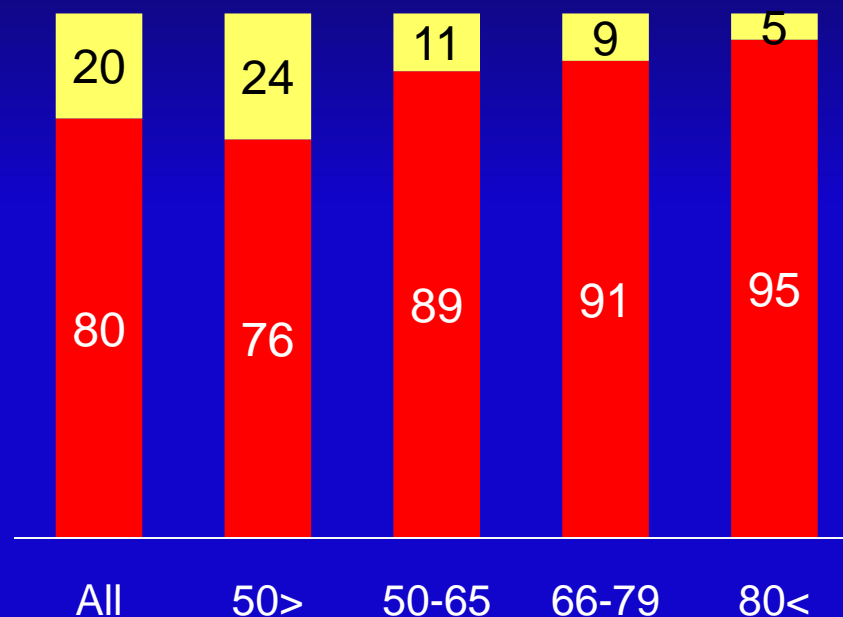
Registry Population

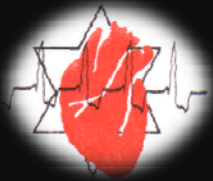
■ Jew ■ Arab



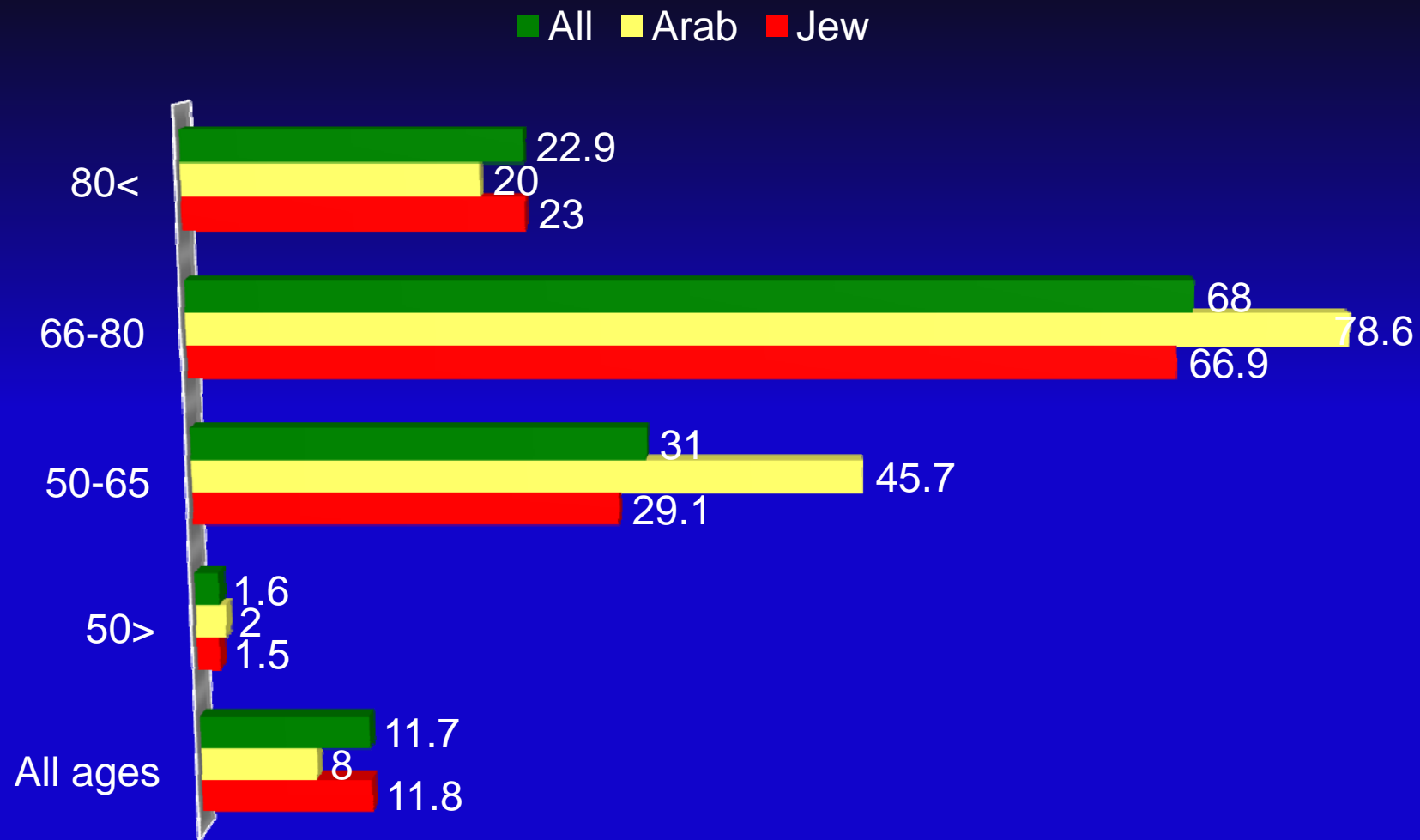
General Population

■ Jew ■ Arab





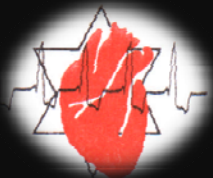
Number of ICD per 100,000





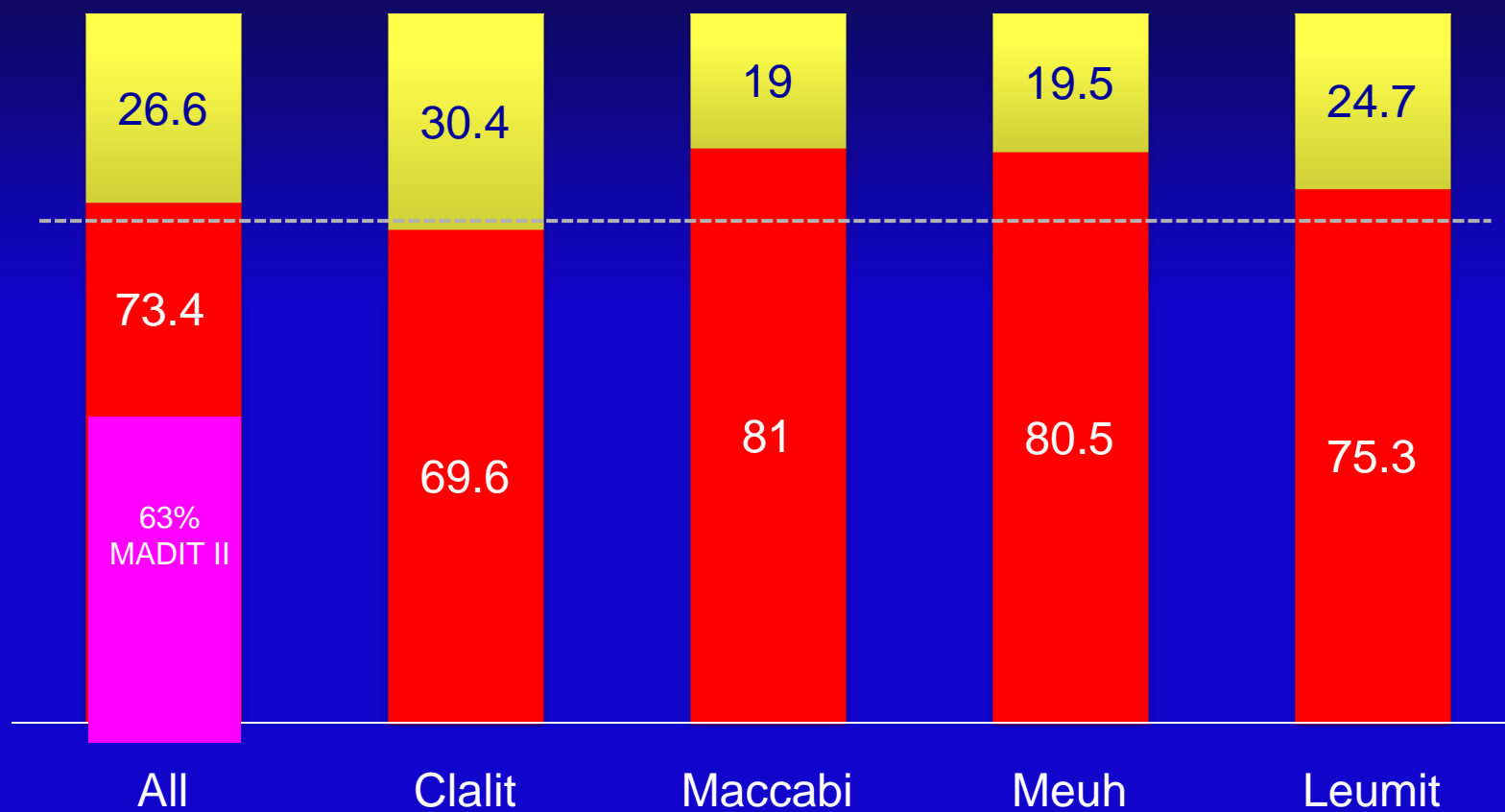
Payer

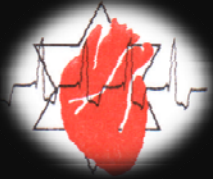




Indication for Implant Primary vs. Secondary (74% vs 26%)

■ Prim ■ Secon

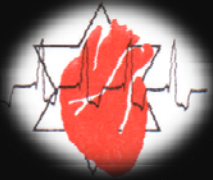




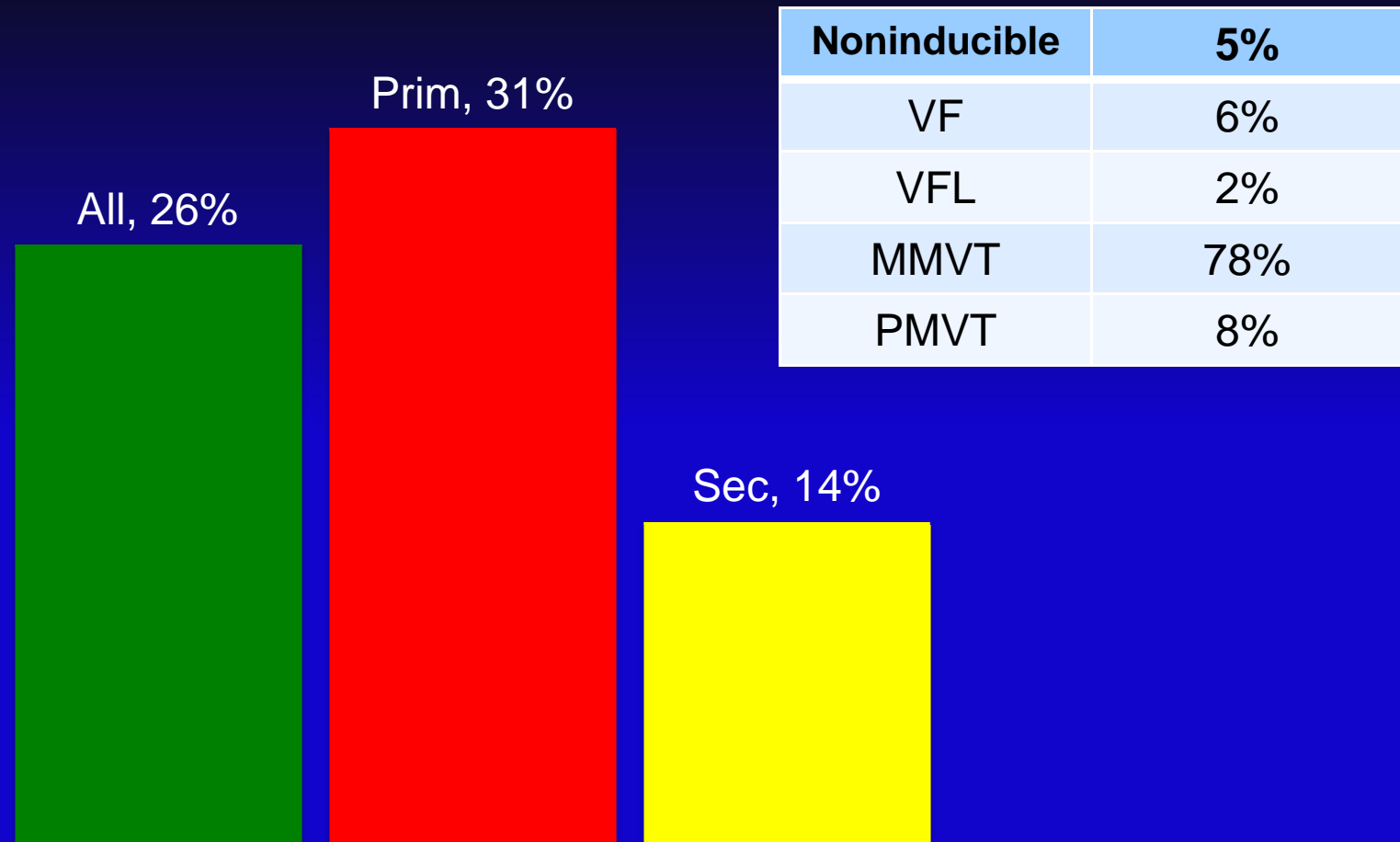
Reason for Implantation

- Primary :
 - 63% MADIT II SCD HEFT
 - 29% MADIT I / MUSTT

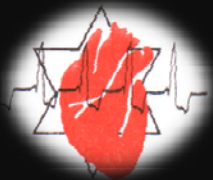
- Secondary :
 - 35% VF
 - 45% sustained VT
 - 4% Other cardiac arrest
 - 7% syncope + High risk
 - 7% Syncope + inducible



EP study Prior to Implantation



N = 35 (4%) had TWA



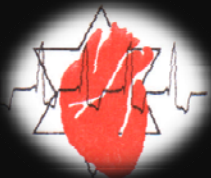
LVEF

EF	#	%
<30	446	53
30-39	227	27
40-49	53	6
> 50	58	7



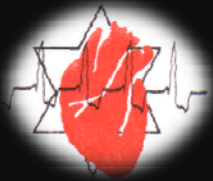
NYHA class in CHF pts (n= 612)

Class	%
I	9
II	41
III	49
IV	1



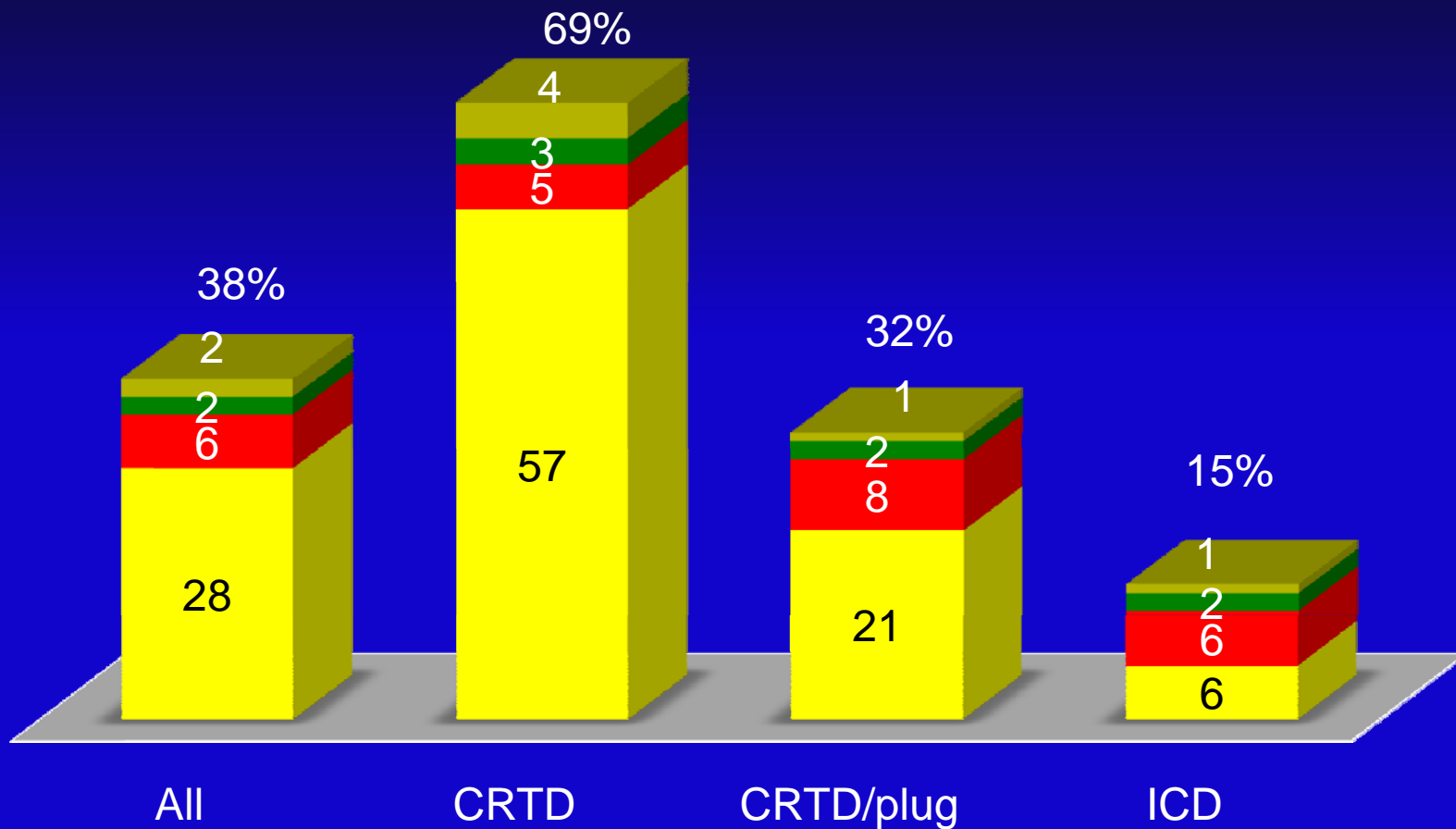
Demographics and Clinical Data

Coronary disease	73%	
SA CABG	28%	
HCMP	7%	
ARVD	1%	
Prim electrical dis	3%	
AF	10% PAF	9%
		persistent/permanent
Permanent Pacemaker	4.2%	
Dialysis	2%	
DM	33%	
HTN	57%	



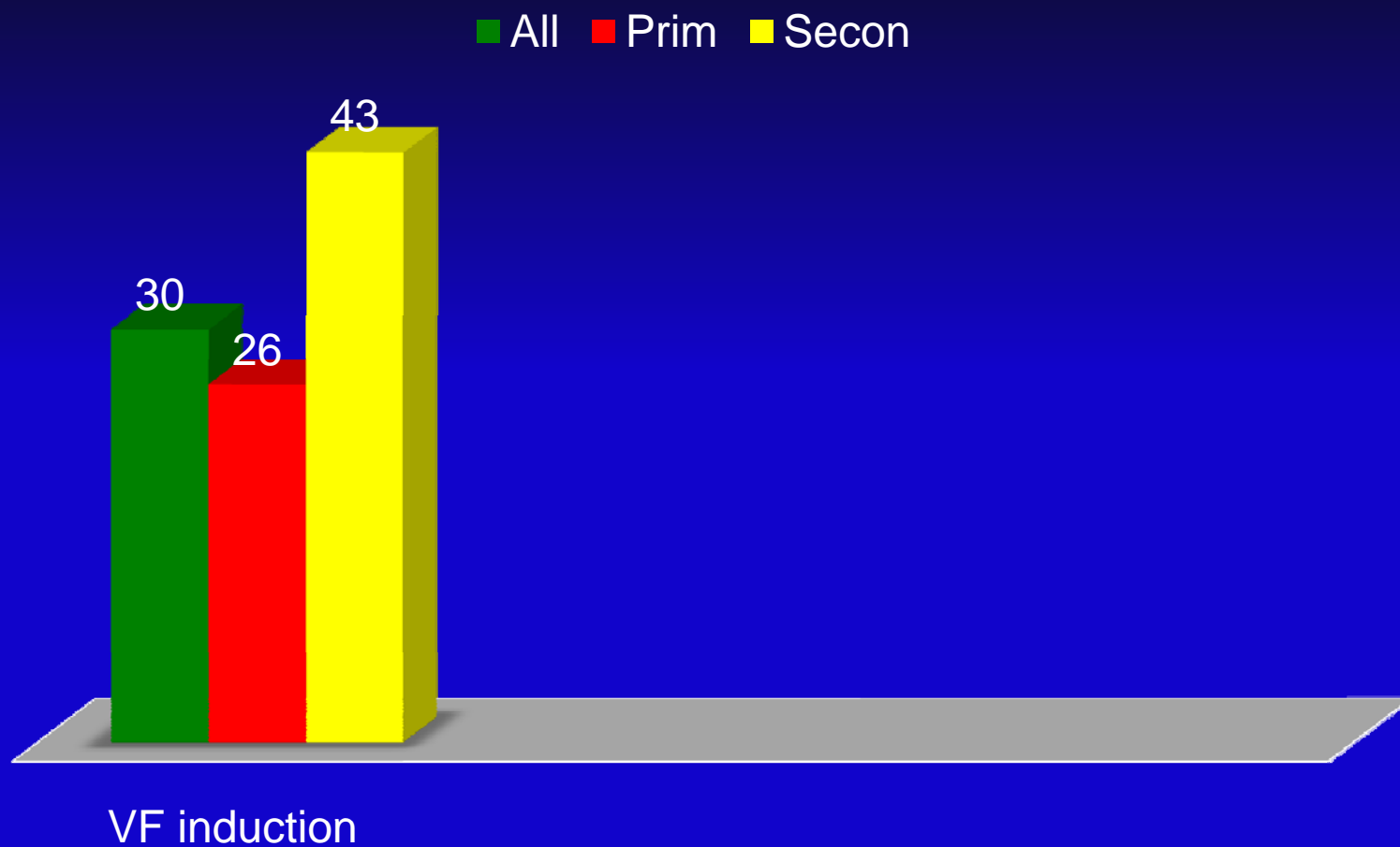
Intra-ventricular Conduction Abnormality

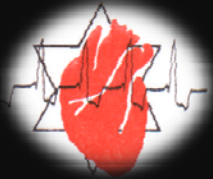
■ LBBB ■ RBBB ■ Nonspec ■ Paced





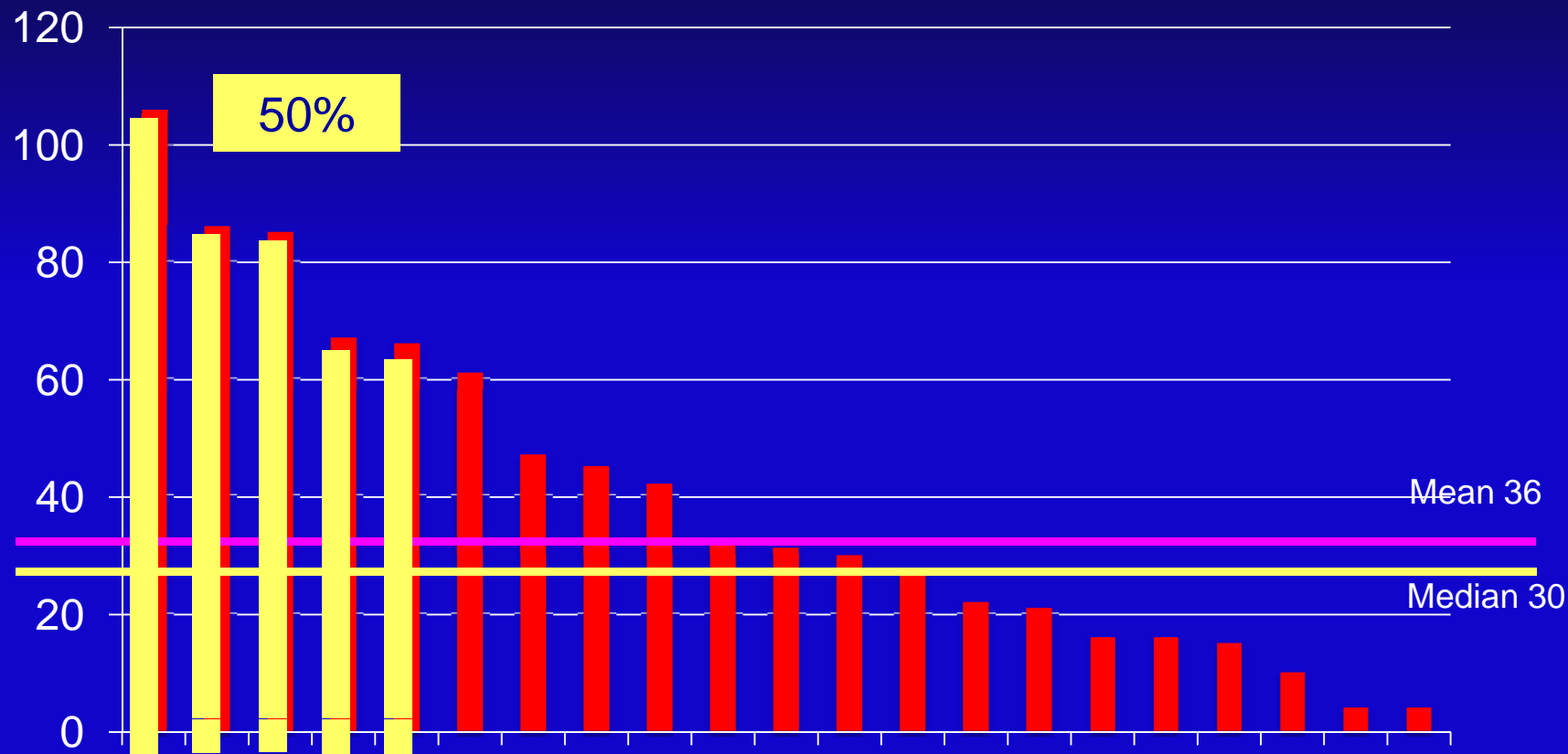
VF induction testing

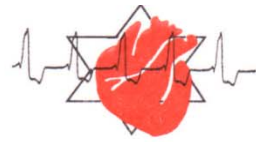




Inter-center variations

Number of New Implants per Center





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Industry

ISPHA- Shlomit Ben Zvi

E-Med