



ΣΧΟΛΗ ΕΠΙΣΤΗΜΩΝ ΥΓΕΙΑΣ | ΤΜΗΜΑ ΙΑΤΡΙΚΗΣ
3η ΚΑΡΔΙΟΛΟΓΙΚΗ ΚΛΙΝΙΚΗ Α.Π.Θ.

GR iCardiacnet: Data from Hippokrateion Hospital, Thessaloniki

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Medical School, Aristotle University of Thessaloniki, Greece



ΚΑΡΔΙΟΛΟΓΙΚΗ ΕΤΑΙΡΕΙΑ
ΒΟΡΕΙΟΥ ΕΛΛΑΔΟΣ



Α' ΠΑΝΕΠΙΣΤΗΜΙΑΚΗ
ΚΑΡΔΙΟΛΟΓΙΚΗ ΚΛΙΝΙΚΗ
Π.Γ.Ν. ΑΧΕΠΑ

Σύγχρονες Εξελίξεις
στις Μυοκαρδιοπάθειες

6-7 Δεκεμβρίου 2024

Ξενοδοχείο MonAsty

Updates in Cardiomyopathies





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Conflicts of interest:
Nothing to declare.



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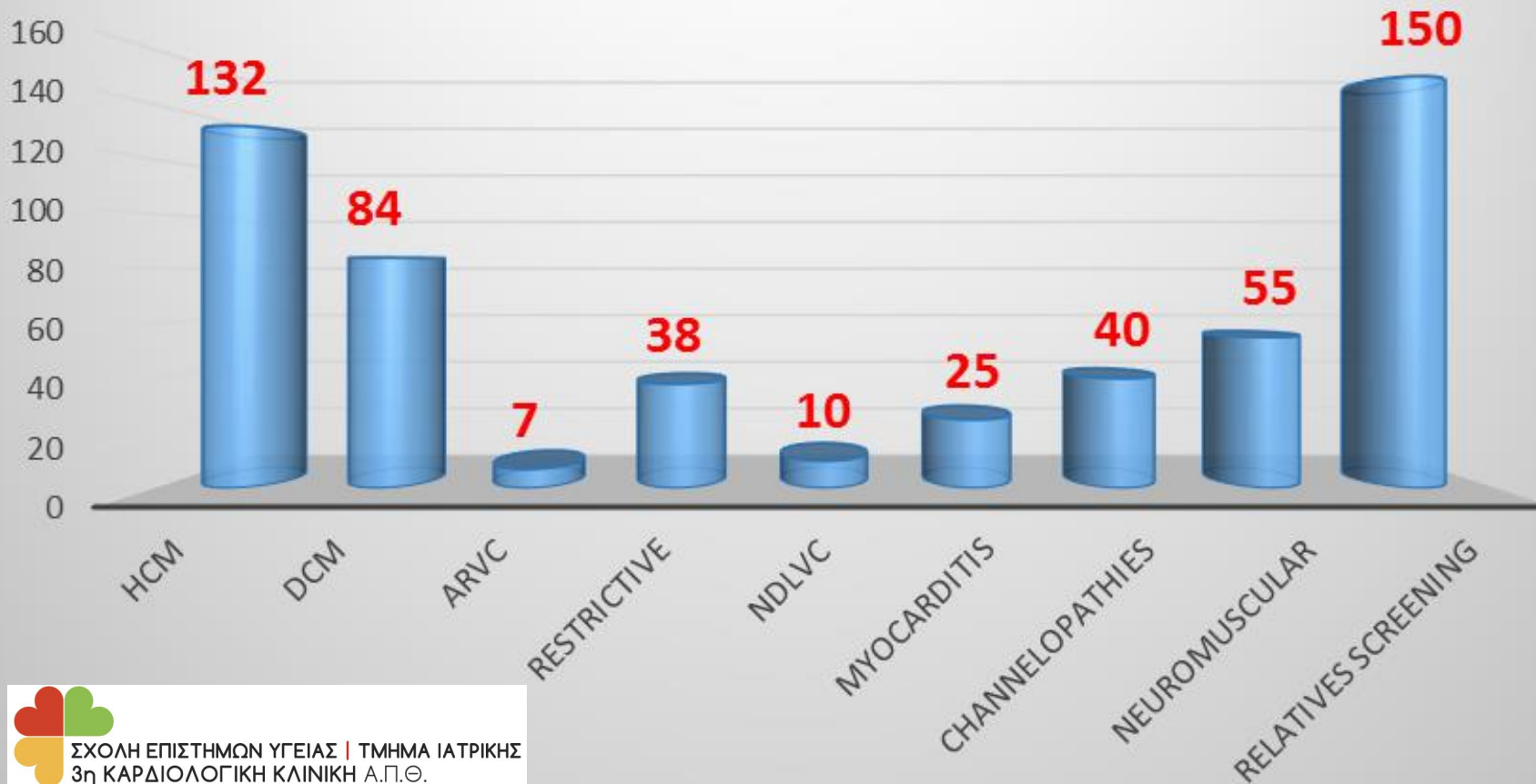


Historic data....

- **04/2017-> Cardiomyopathy Outpatient Clinic (3rd Cardiology Department)** (“Self” References- Out of Department References- “Free Access”)
- **2019-> GR iCardiacNET**
- **03/2020-04/2021-> COVID 19 pandemic**
- **04/2021-12/2022-> Genetic Tests** (Probands & Sanger)
- **2024 iCardiacNET refunding.**

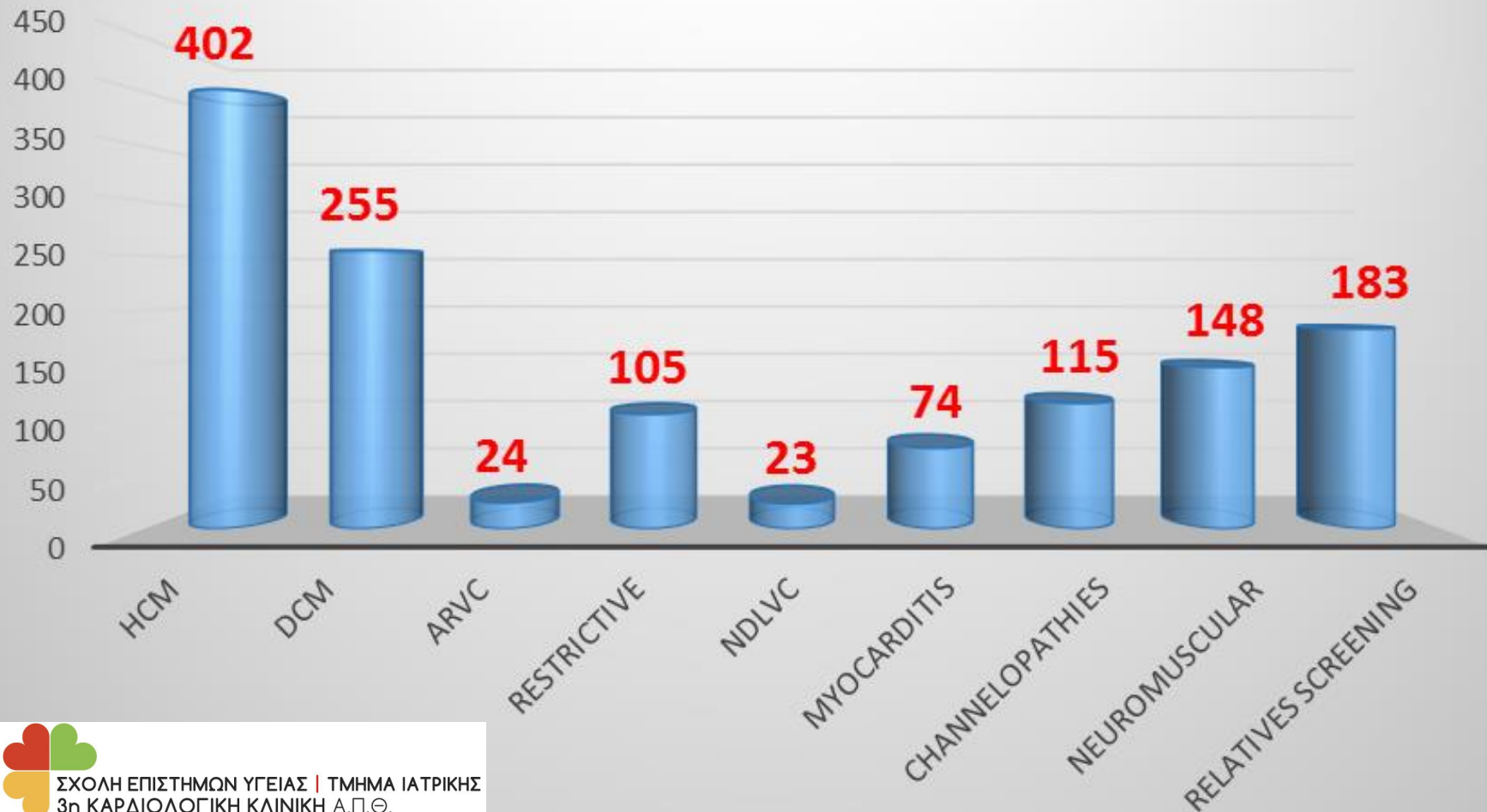
Statistical Data (1)

**ABSOLUTE PATIENTS NUMBERS N=541
(till 30/11/2024)**



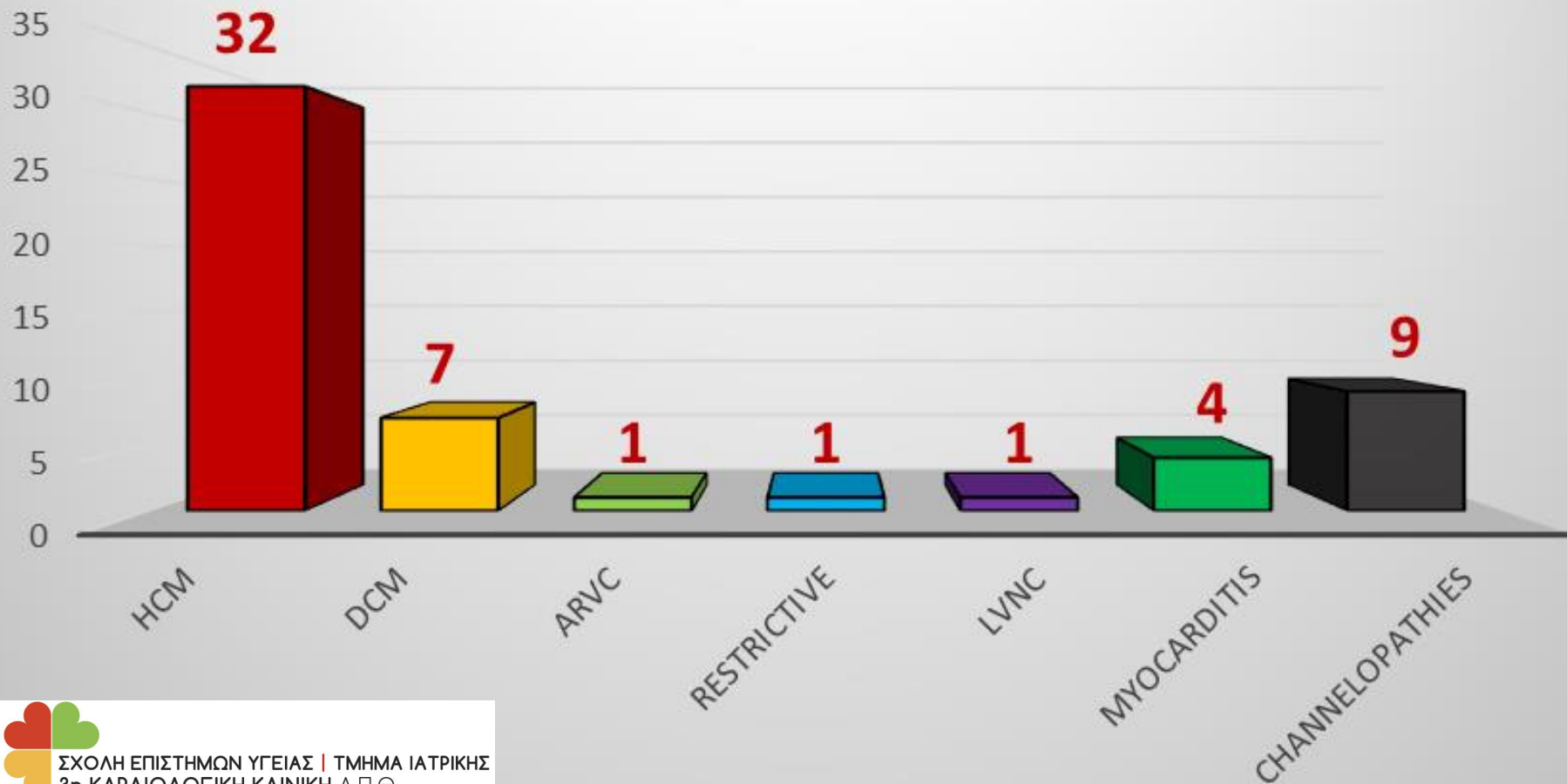
Statistical Data – Visits (2)

ABSOLUTE VISIT NUMBERS N=1329 (2021-2024)



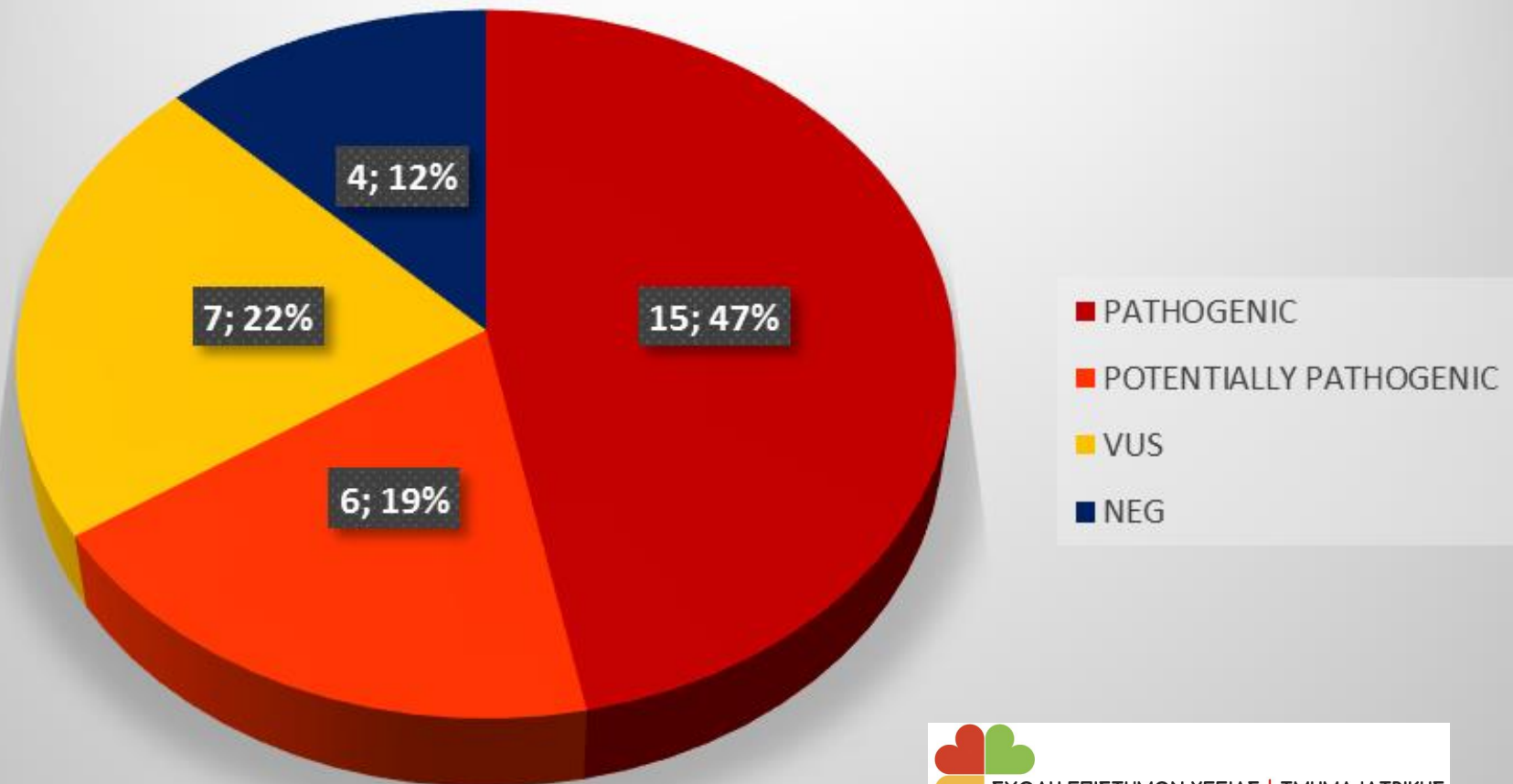
Genetic Screening

PROBANDS' GENETIC SCREENING N=55
(2021-2022)



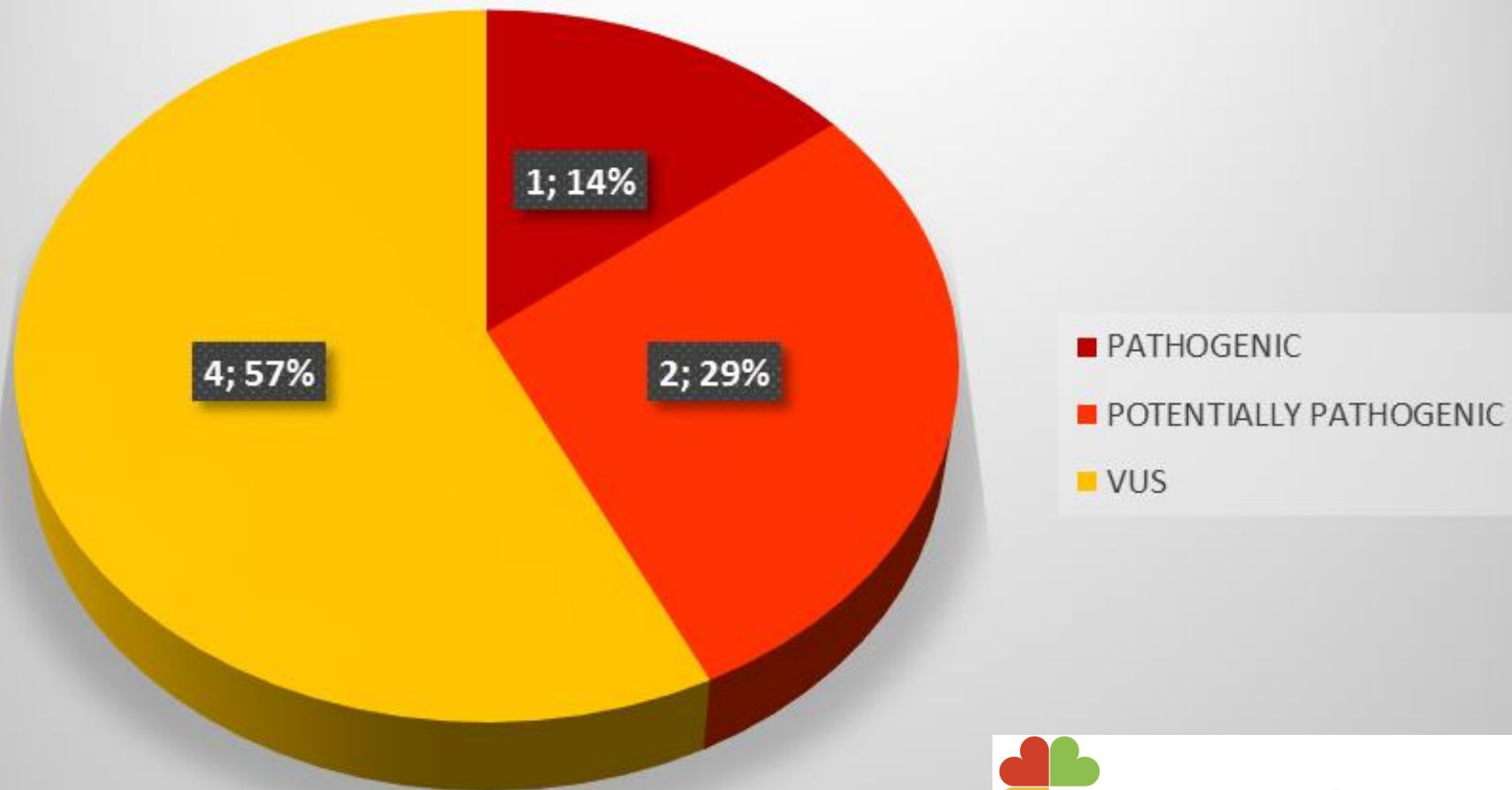
Genetic tests' results

HCM (N=32)



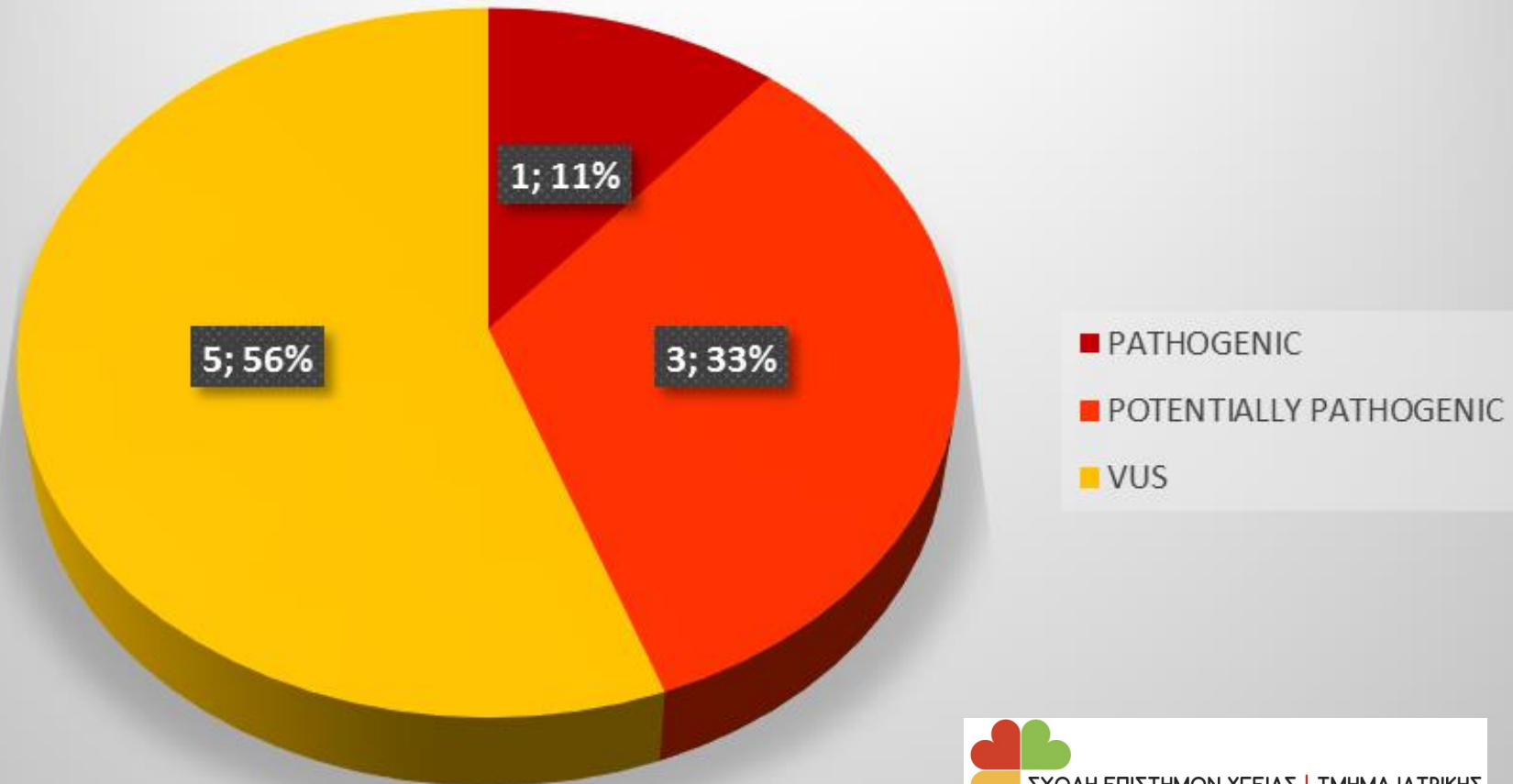
Genetic tests' results (2)

DCM (N=7)



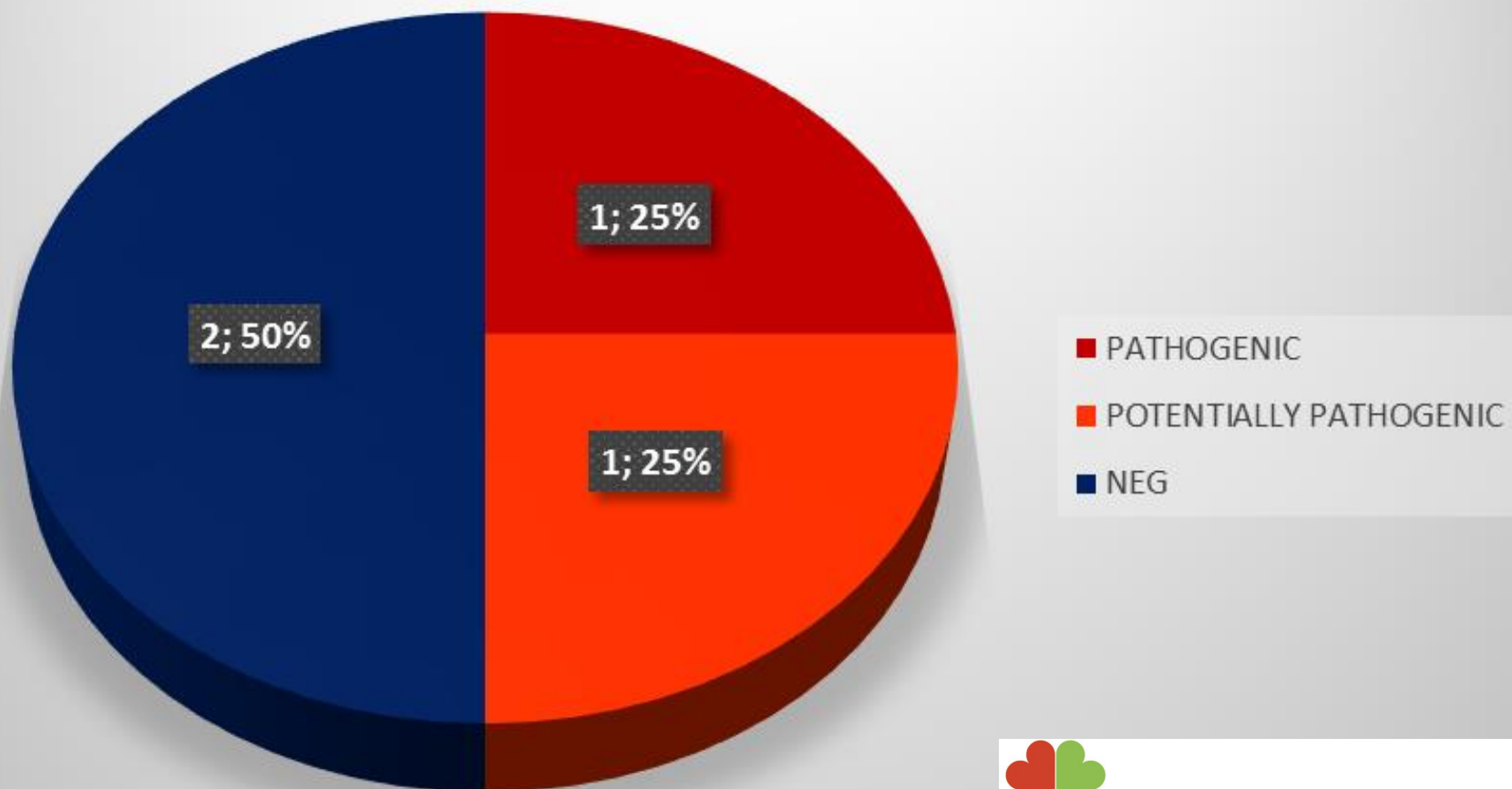
Genetic tests' results (3)

CHANNELOPATHIES (N=9)



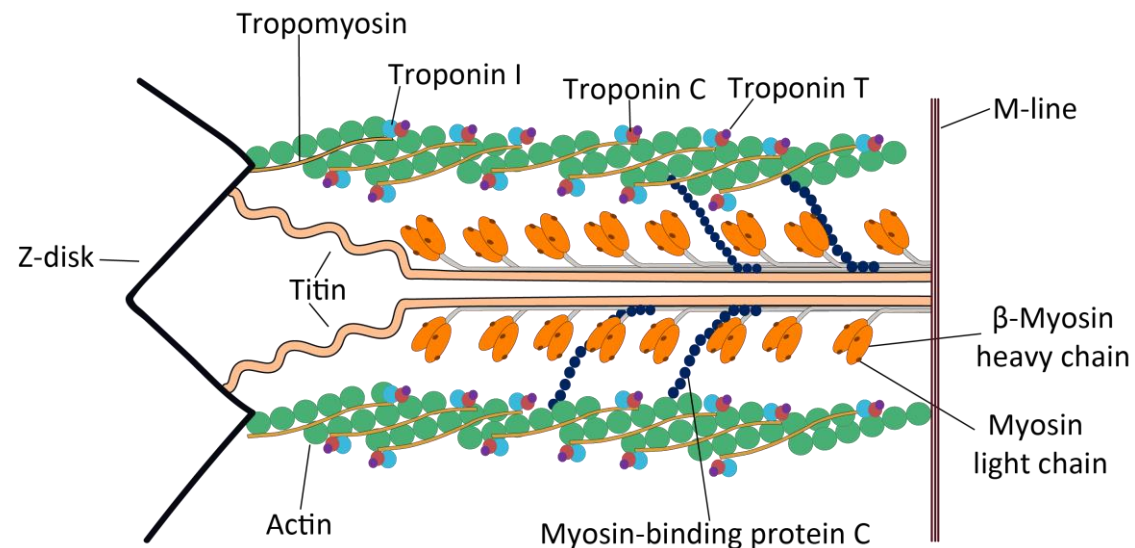
Genetic tests' results (4)

MYOCARDITIS (N=4)

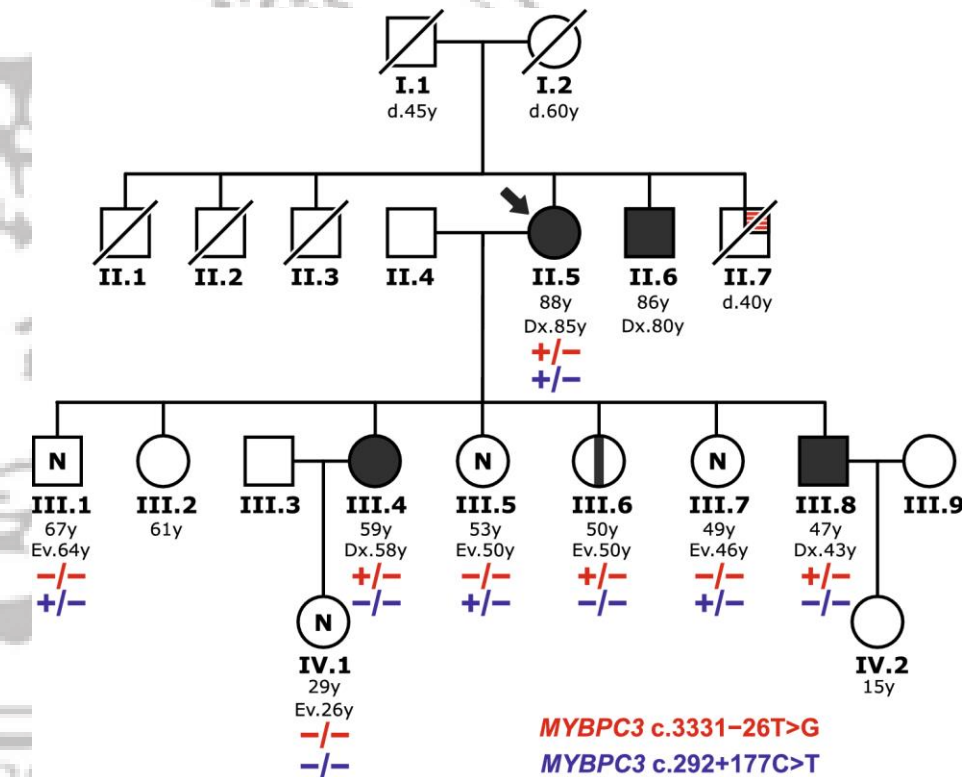


Interesting points to consider (1)

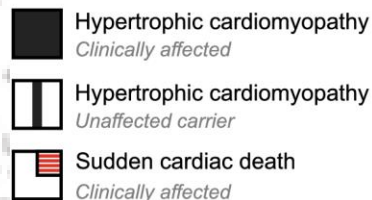
- **MYBPC3 (5 cases) & MYH7 (4 cases)** out of 13 pathogenic mutations in HCM.
- **66% of HCM probands** tested were found with a pathogenic or potentially pathogenic mutation.
- **Half of myocarditis cases (50%)** were found with a cardiomyopathy associated mutation.
- **15 out of 32 HCM probands** tested were found with more than one mutations.



Interesting points to consider (3)



- Out of 12 HCM patients found with pathogenic mutations 22 close relatives were tested for at least one mutation.
- 7 out of 22 relatives were found with the same pathogenic mutation as their proband (33%).
- 5 out of 7 relatives are phenotype negative/genotype positive – early diagnosis with significant implications .



Important targets succeeded in 2024



- **First HCM patient receiving mavacamten for 3 months already.**
- Initiative for hypertrophy evaluation and differential diagnosis-> ATTR early diagnosis.
- Already more than **20 probands “waiting”** for the next phase of genetic screening.



Important Initiatives-> Patients' Cardio-School

Διαδραστική Ημερίδα Κοινού

ΝΟΙΑΖΟΜΑΙ ΓΙΑ ΤΗΝ ΚΑΡΔΙΑ ΜΟΥ

ΜΙΑ ΗΜΕΡΑ ΜΕ ΙΣΤΟΡΙΕΣ ΕΛΠΙΔΑΣ

ΔΕΥΤΕΡΑ
2.12.24

18:00-
21:00



ΣΧΟΛΗ ΕΠΙΣΤΗΜΩΝ ΥΓΕΙΑΣ | ΤΜΗΜΑ ΙΑΤΡΙΚΗΣ
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Next steps...



- **Preparticipation screening for athletes- Cooperation with existing bodies within GR I Cardiac NET.**
- **CMA foundation**



Who Are WE??

- **Prof. Vassilios P Vassilikos, Director**
- **Secretariat:** Ms Panagiotopoulou Mara & Logothesi Maria
- **Electrophysiology:** Assoc. Profs Georgios Giannopoulos & Antonios Antoniadis
- **Cath Lab:** Assoc. Profs Christodoulos Papadopoulos & Stergios Tzikas
- **Echo Lab + CMP clinic:** Assist. Prof. Efstathios D Pagourelas, Consultants Mavroudi Melachrini & Ntelios Dimitrios
- All residents, academic scholars and nurses of 3rd Cardiology Department.





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Thank you for your attention!!



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