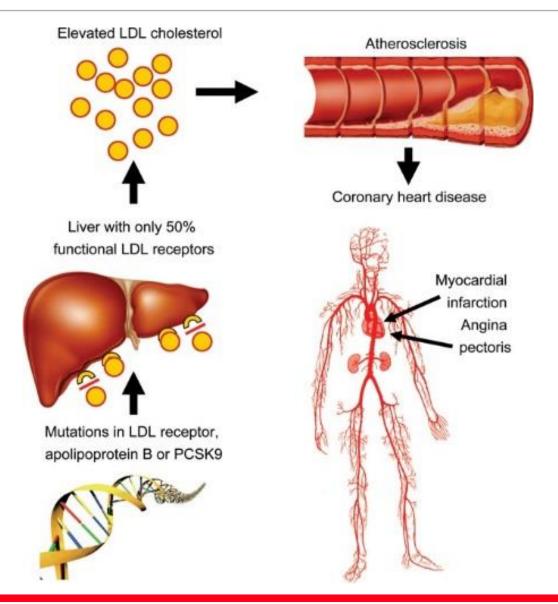


Early Diagnosis and Treatment of Familial Hypercholesterolemia

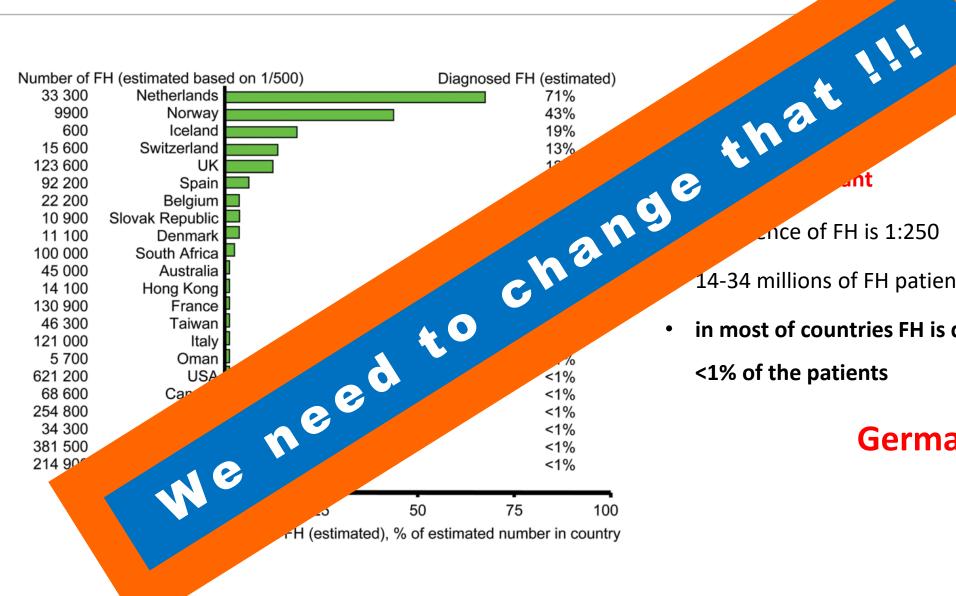
The VRONI study

Familial Hypercholesterolemia (FH)





FH is a common disease!



14-34 millions of FH patients worldwide

in most of countries FH is diagnosed in <1% of the patients

Germany???





Träume Leben. Gesund bleiben.



MYVRONI.DE



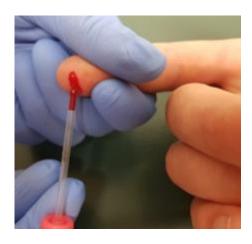


Träume Leben. Gesund bleiben.



Early diagnosis by measuring LDL-Cholesterol





> Who?

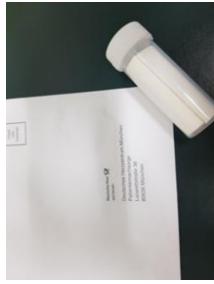
Every child in Bavaria, voluntary and free of charge

When?

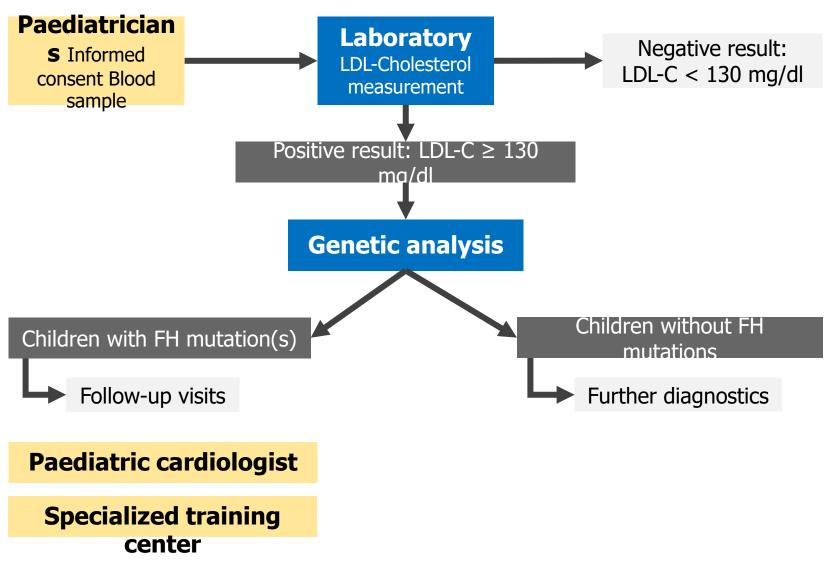
 Aged 5-14 years, in the context of regular preventive checkups (U9-J1)

➤ How?

200μl of capillary or venous blood



Screening: Bavarian children aged 5-14 years



VRONI study center: Data Management, organisation and administration

FH, so what!





Medical care by pediatricians and cardiologists



Specialized Training center



VRONI ... "the cool kid"





Homepage: myvroni.de

KOSTENLOS BAYERNWEIT MACH DEN "SCREENING FÜR UNS KINDER VRONI-CHECK! **IM ALTER VON 5-14 JAHREN!"**

Herzlich willkommen auf myvroni.de

Die Vroni-Studie Herzinfarkt mit 35? Ohne mich!

Bayernweites Screening auf Familiäre Hypercholesterinämie

Hier findest Du alle Informationen und Tipps zum Thema Familiäre Hypercholesterinämie (FH) sowie zum VRONI-

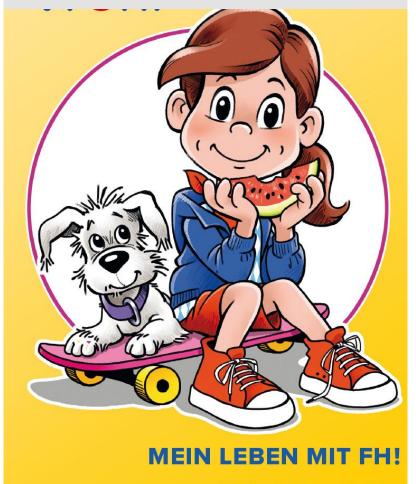
CHECK, dem bayernweiten kostenlosen FH-Screening bei





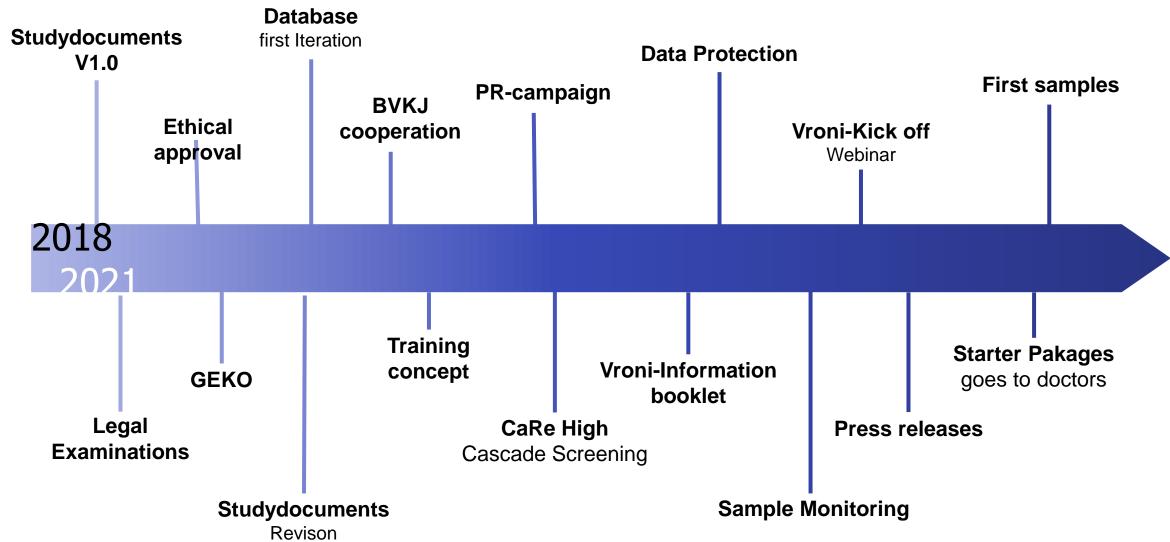


Information booklet: VRONI – my life with FH!



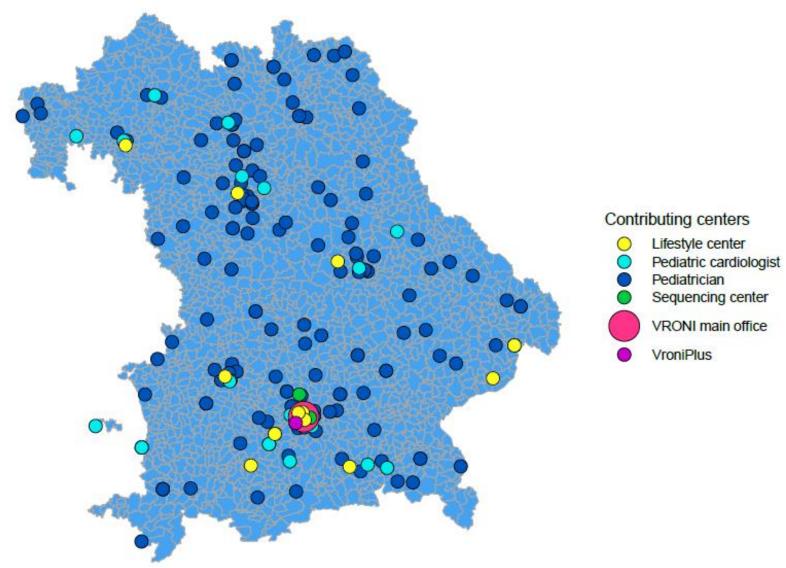
VRONI Milestones





VRONI Infrastructure





VRONI Network



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PD Dr. Cornelia von Hagen

M. Sc. Katharina Appel

Catherine Dahlem



295 participating pediatricians



1150 children enrolled

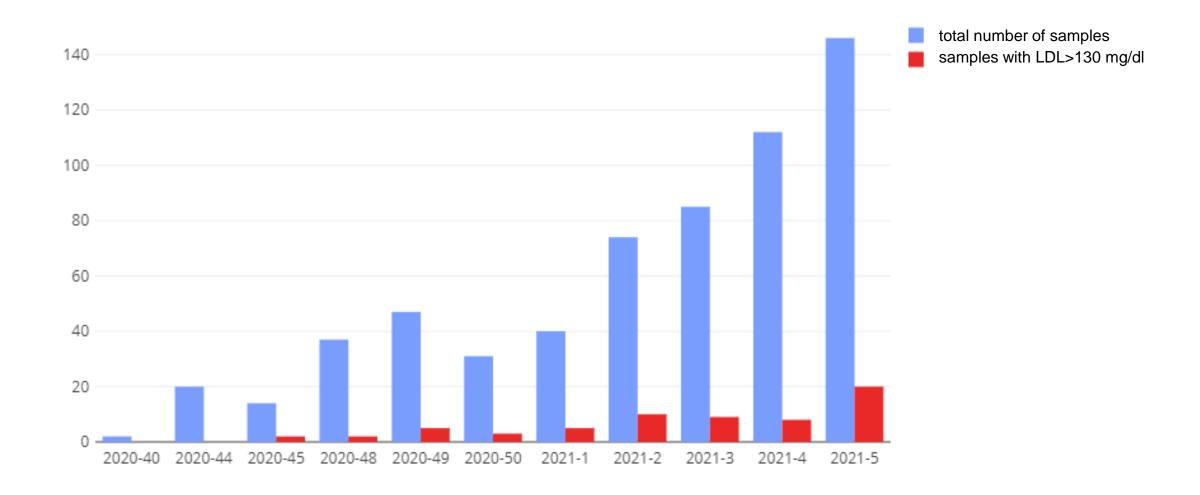


112 with LDL >130 mg/dl



Sample number over time





VRONI Aims





- Early diagnosis and treatment reduce risk for early atherosclerotic manifestations
- Establish Cascade Screening to detect other relatives
- Evaluate the feasibility of population-based-screening for FH in children
- Identification of new FH-Mutations
- ➤ Improve managment and treatment of FH in patients to prevent manifestation of atherosclerotic disease!

Outlook Vroni



www.myvroni.de



EDUCATION

Healthy lifestyle with FH FH-Booklet

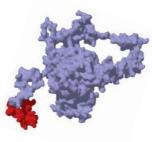
PREVENTION

Early diagnosis and treatment reduce cardiovascular risk



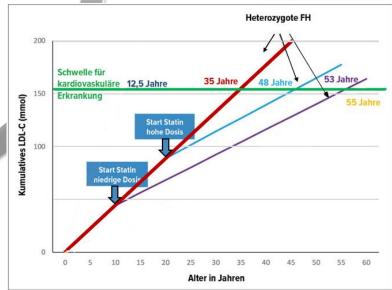
ECONOMIC ASPECT

Decrease of heart attacks and hospitalization
Integration of FH-Screening in standard care



RESEARCH

Detection of new FH mutations VUS: Functional examinations















gefördert durch Bayerisches Staatsministerium für Gesundheit und Pflege



Together against Hypercholesterolemia!!!

