

**TECHNICAL**

**VIRAL HEPATITIS PREVENTION BOARD MEETING**

**BARCELONA, SPAIN, NOVEMBER 15-16, 2012**

**HOW TO REACH HEALTHCARE WORKERS?**

**Prevalence of markers for hepatitis B virus and vaccination compliance among medical school students in Italy.**

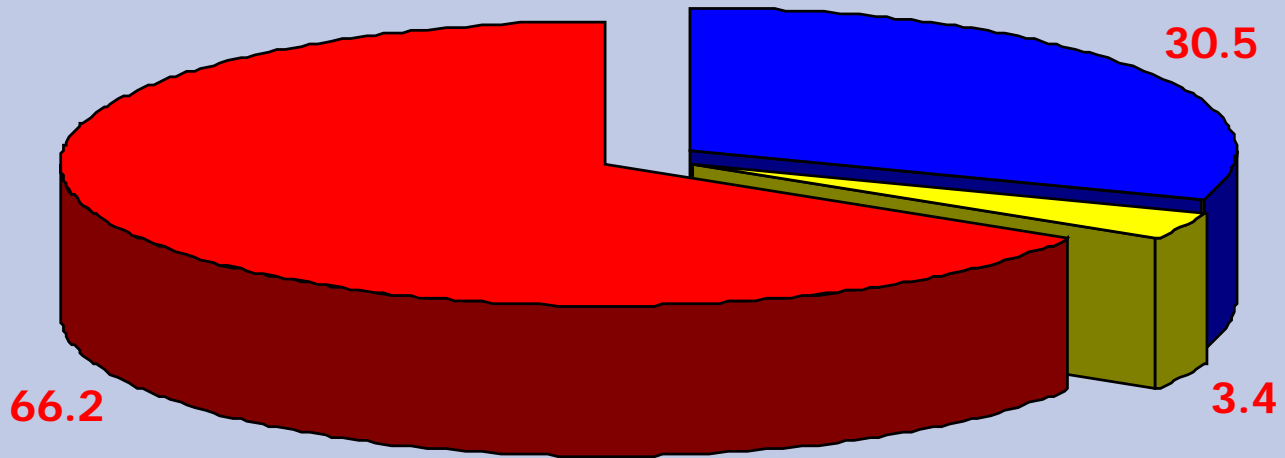
**Prof. Andrea Trevisan**

**Department of Molecular Medicine**

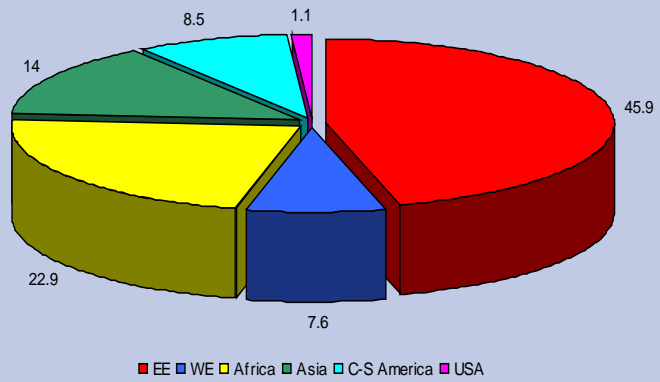
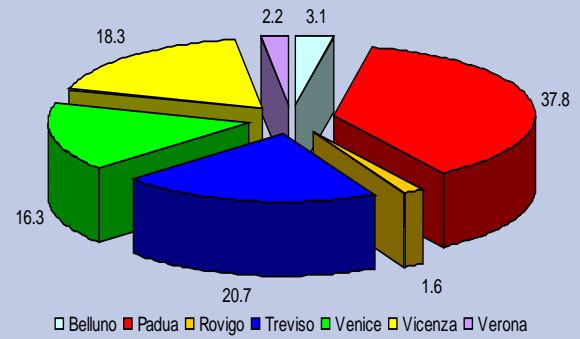
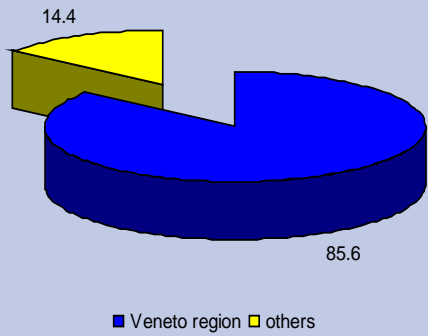
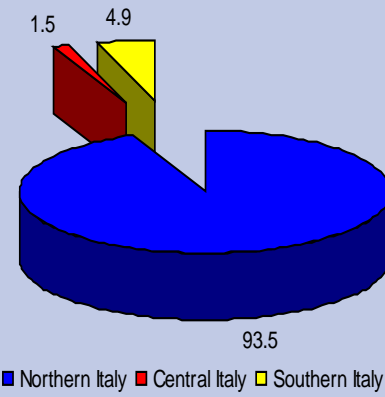
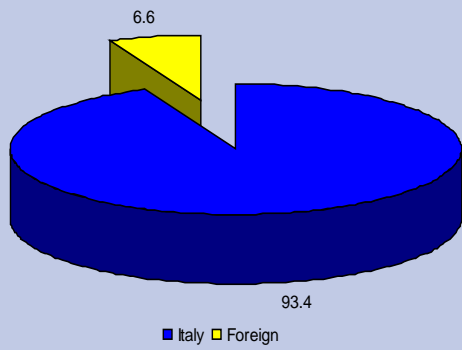
**University of Padova**

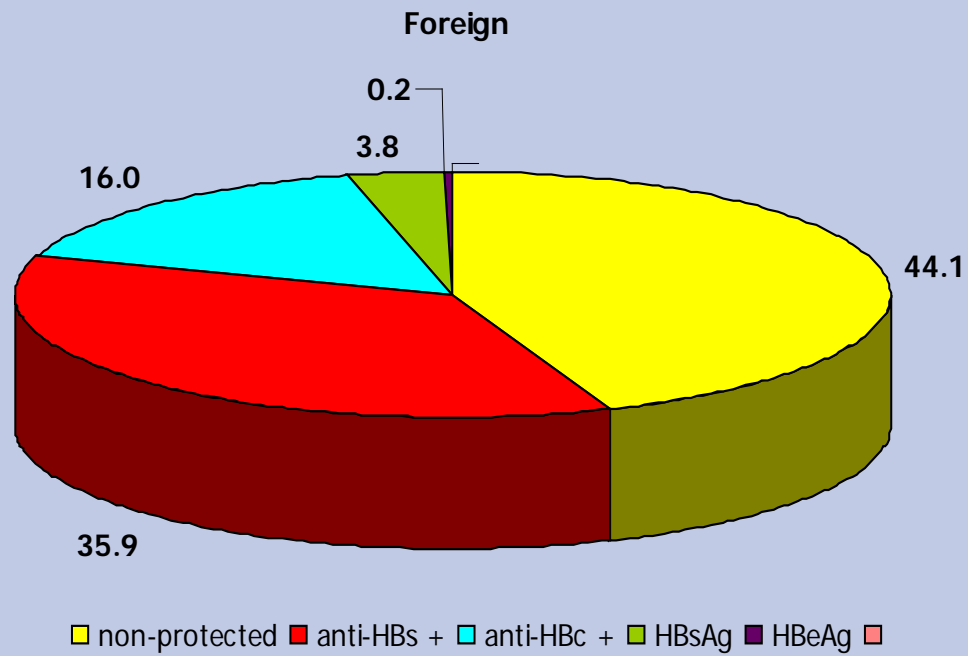
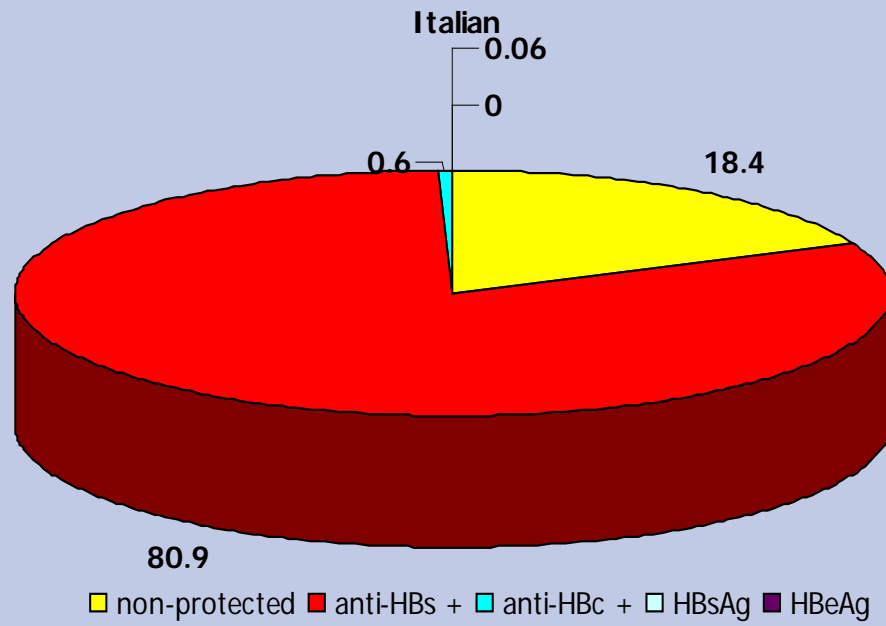


# 6830 students

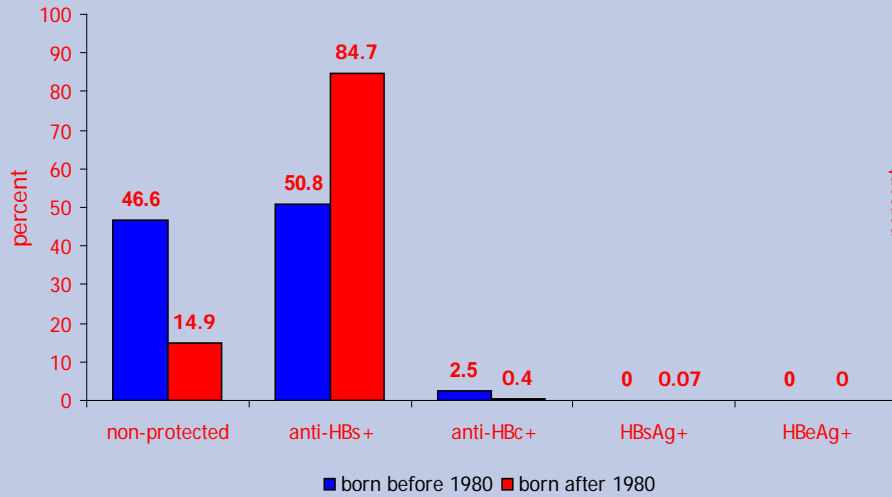


■ Medicine & Surgery ■ Dentistry ■ Health Professions

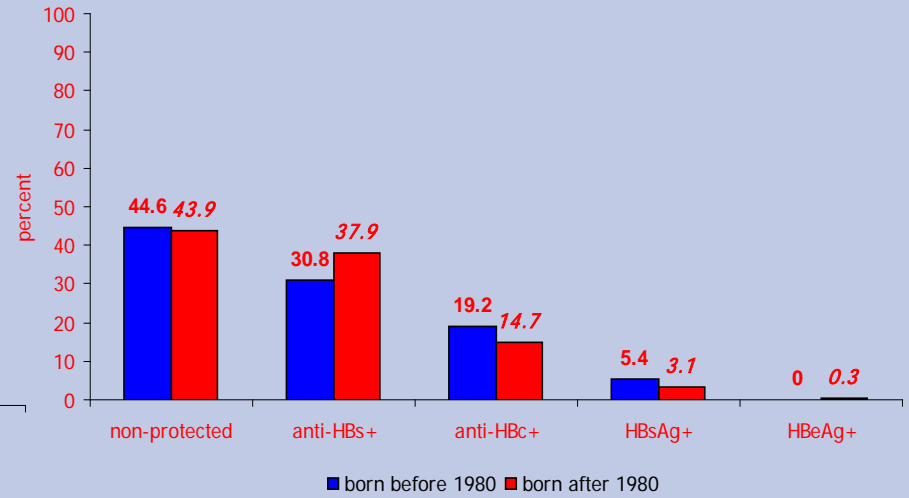


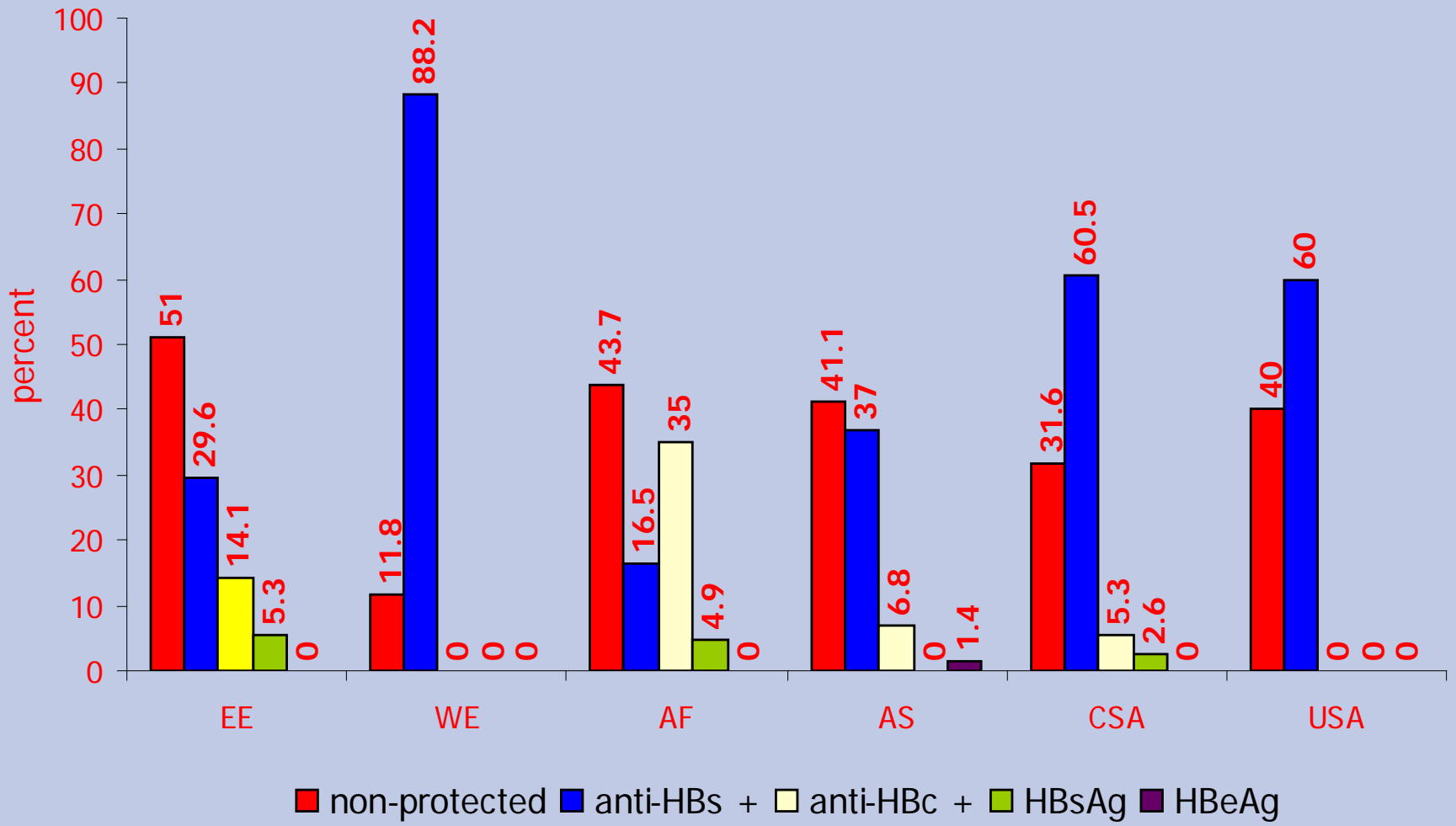


Italian students

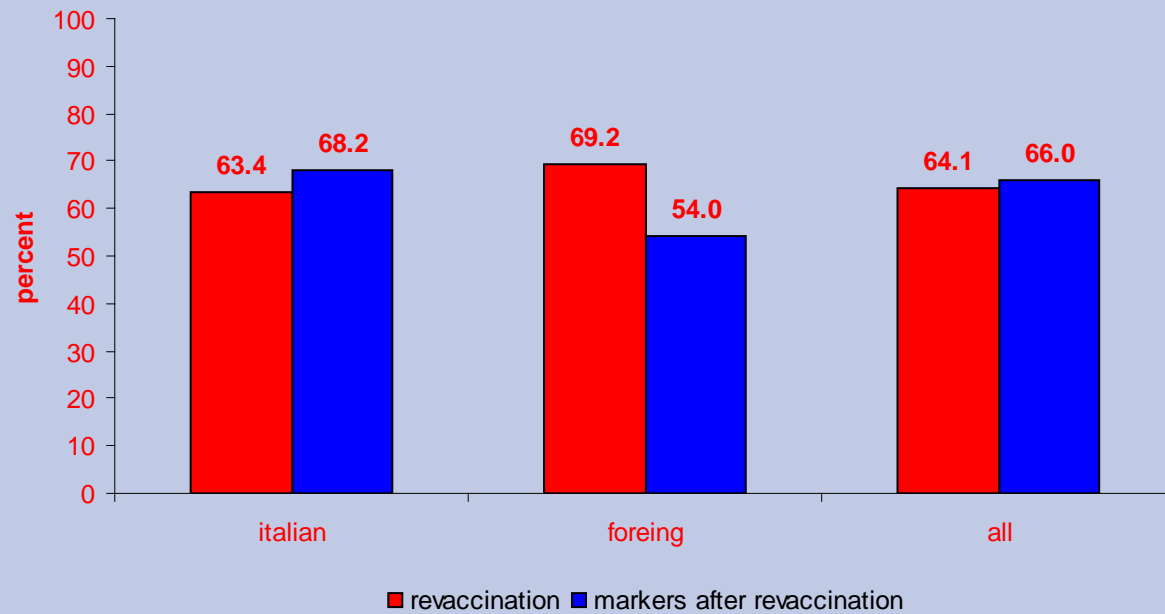


Foreign students

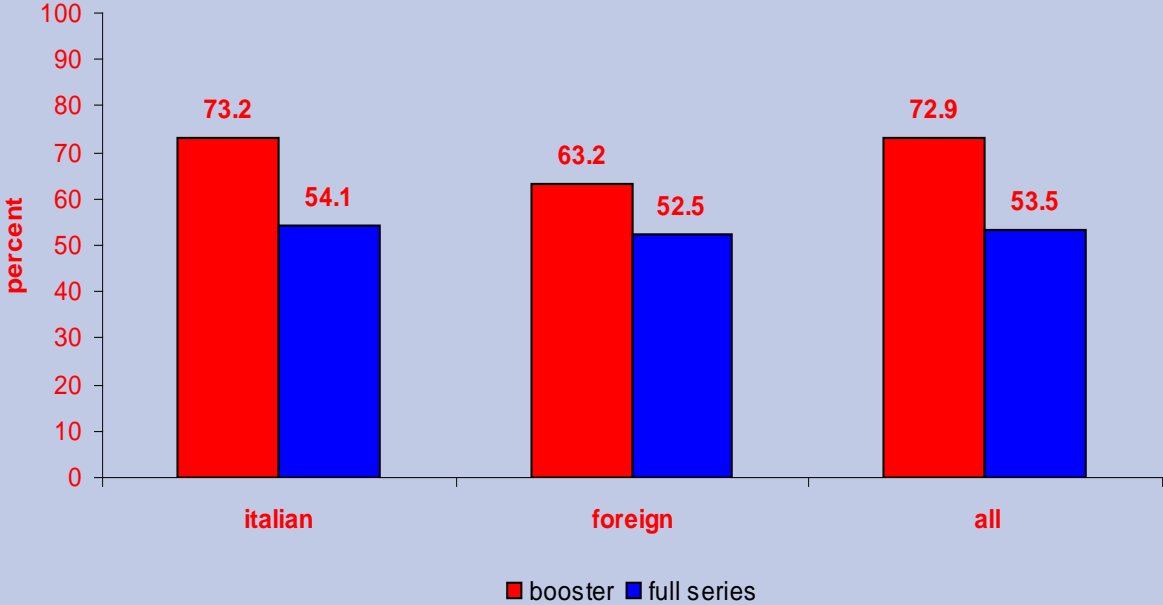




### compliance to revaccination and to check markers



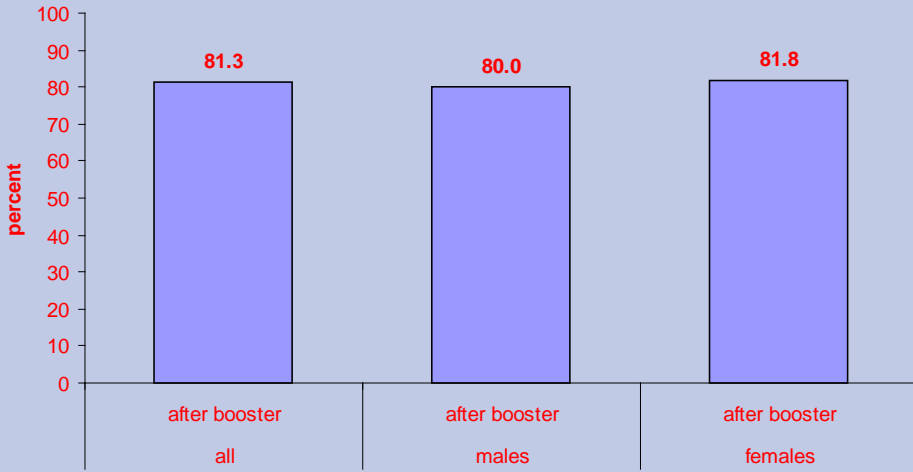
**check of antibodies after revaccination**





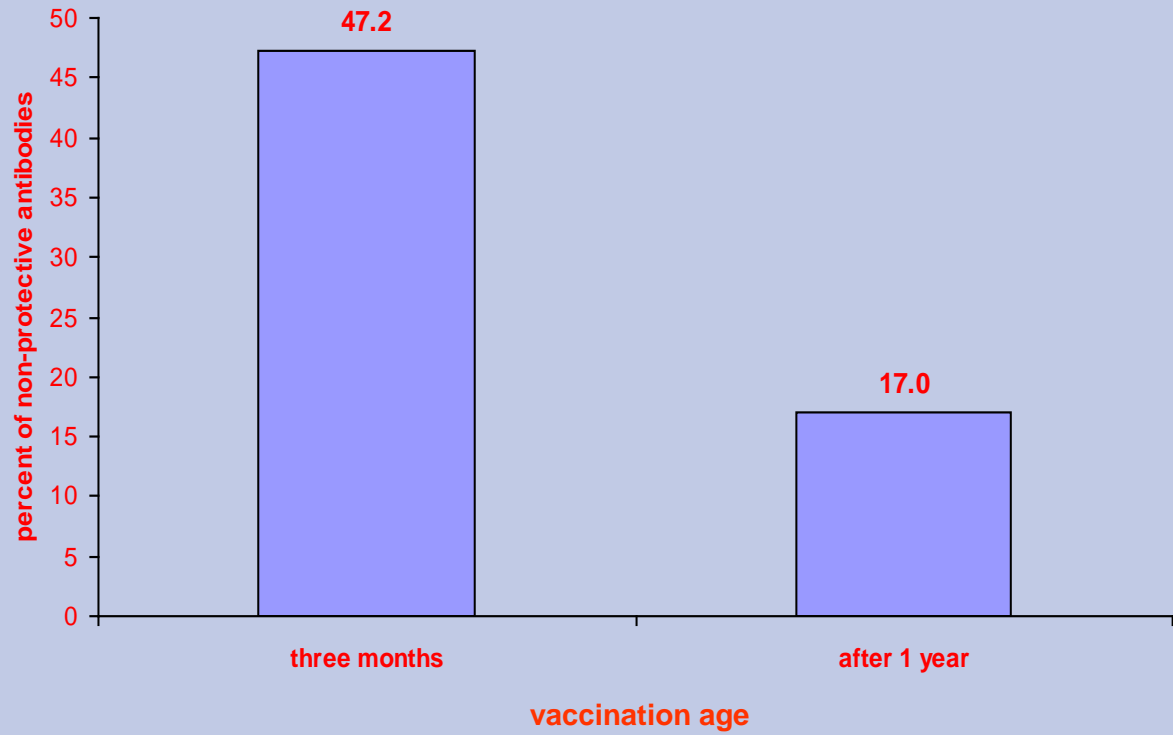
non-responders: “a person who does not develop protective surface antibodies (>10 IU/l) after completing two full series of the hepatitis B vaccine and for whom an acute or chronic hepatitis B infection has been ruled out” (CDC, 2011)

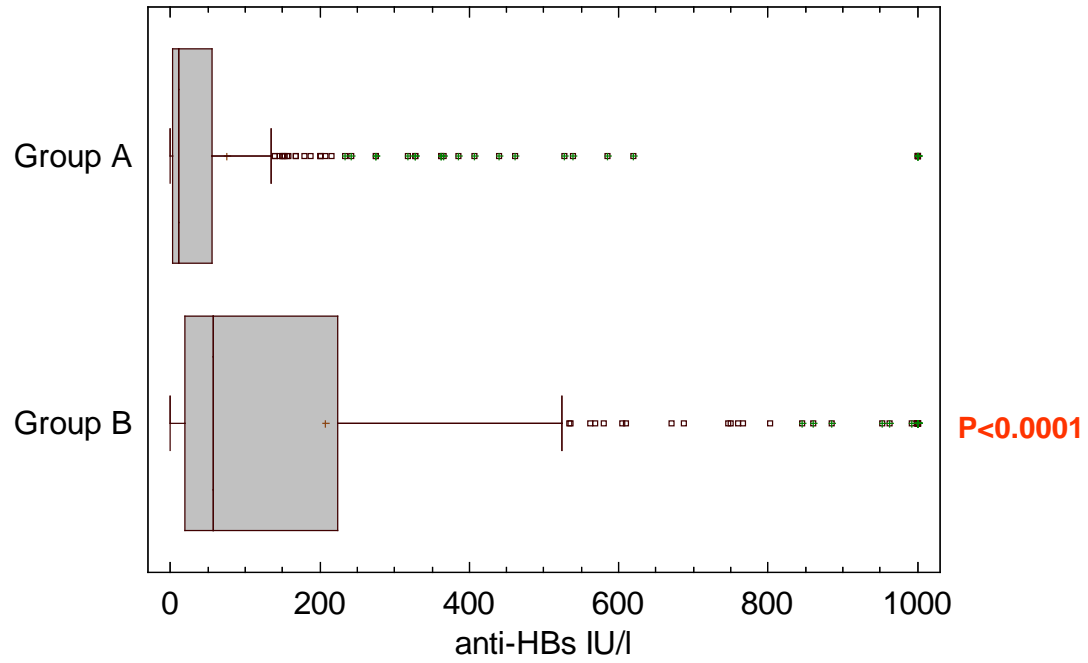
positivity after booster born before 1980

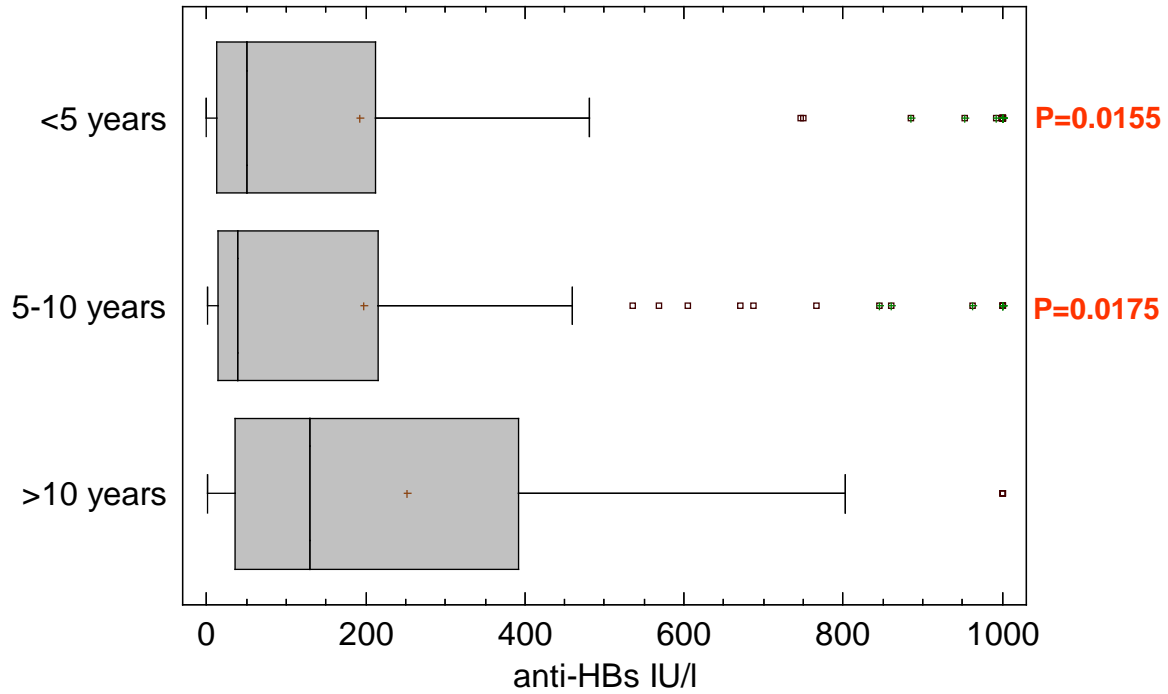


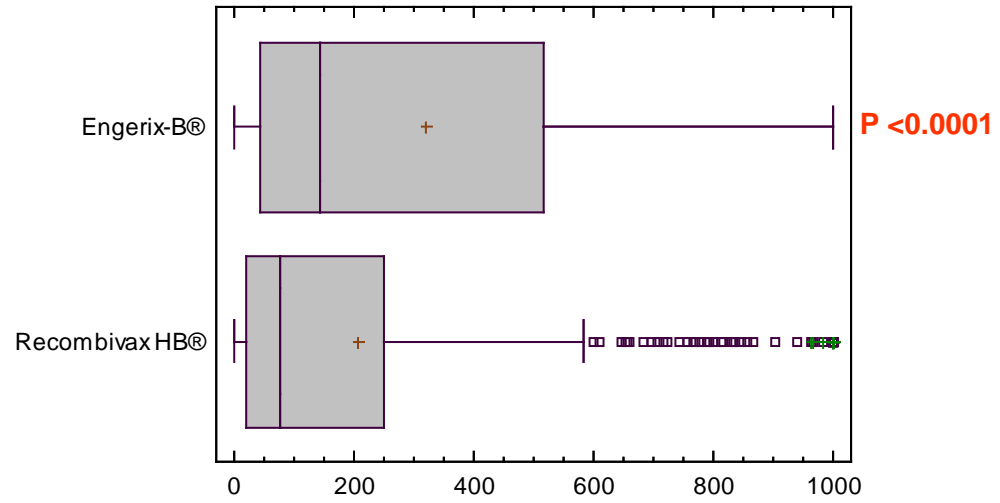
positivity after booster born in or after 1980

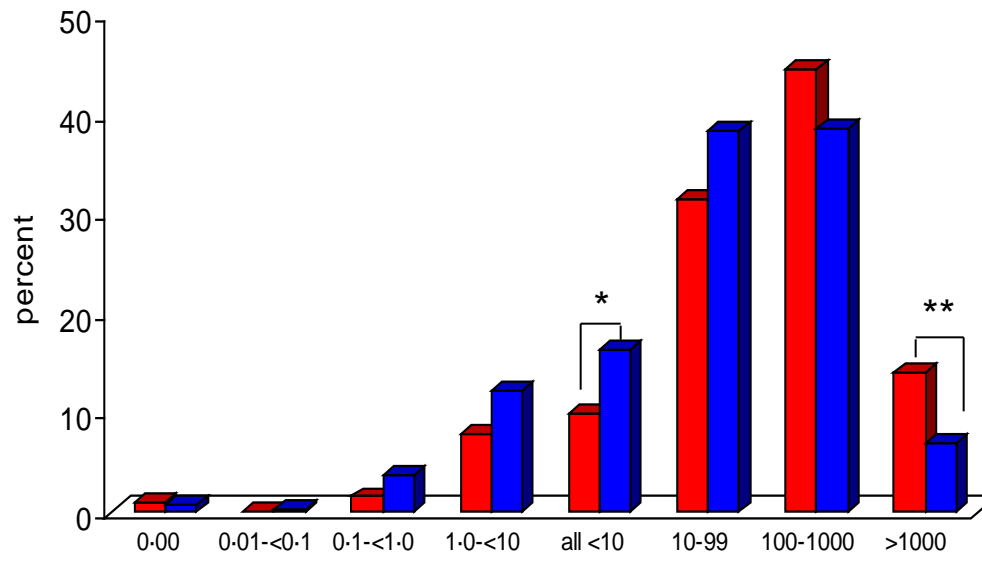




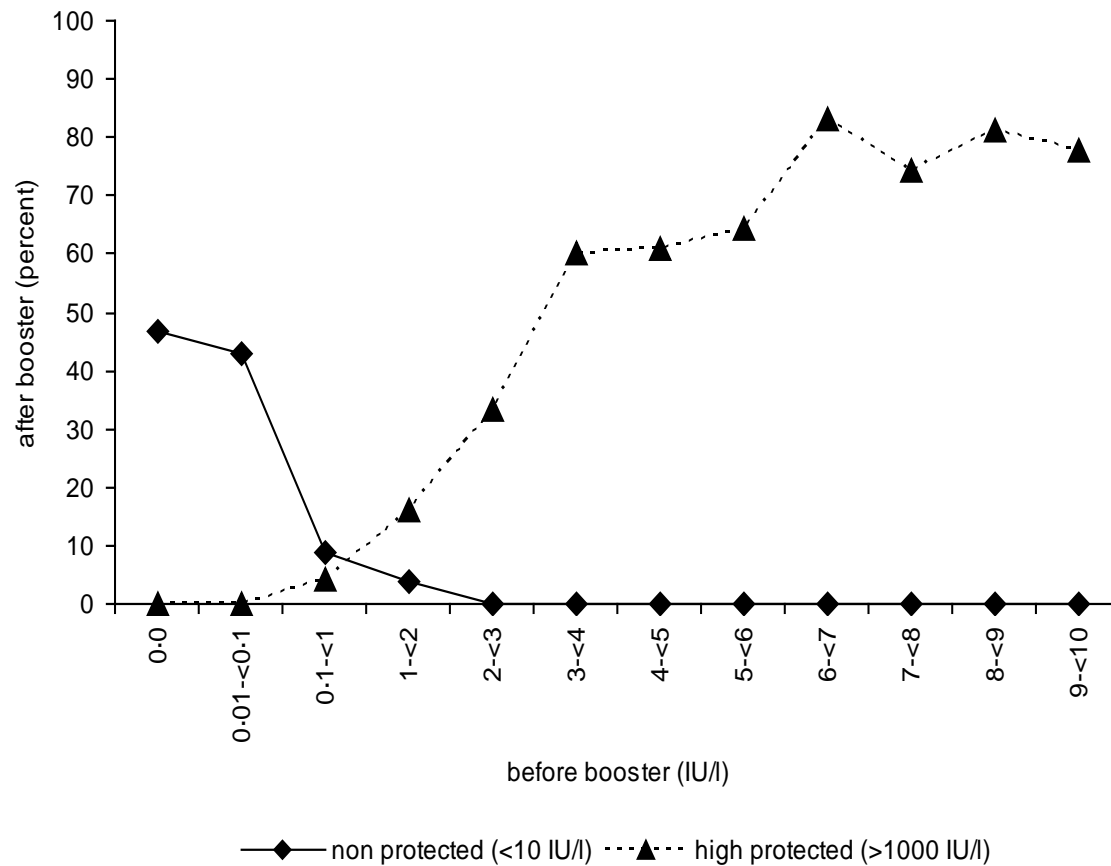




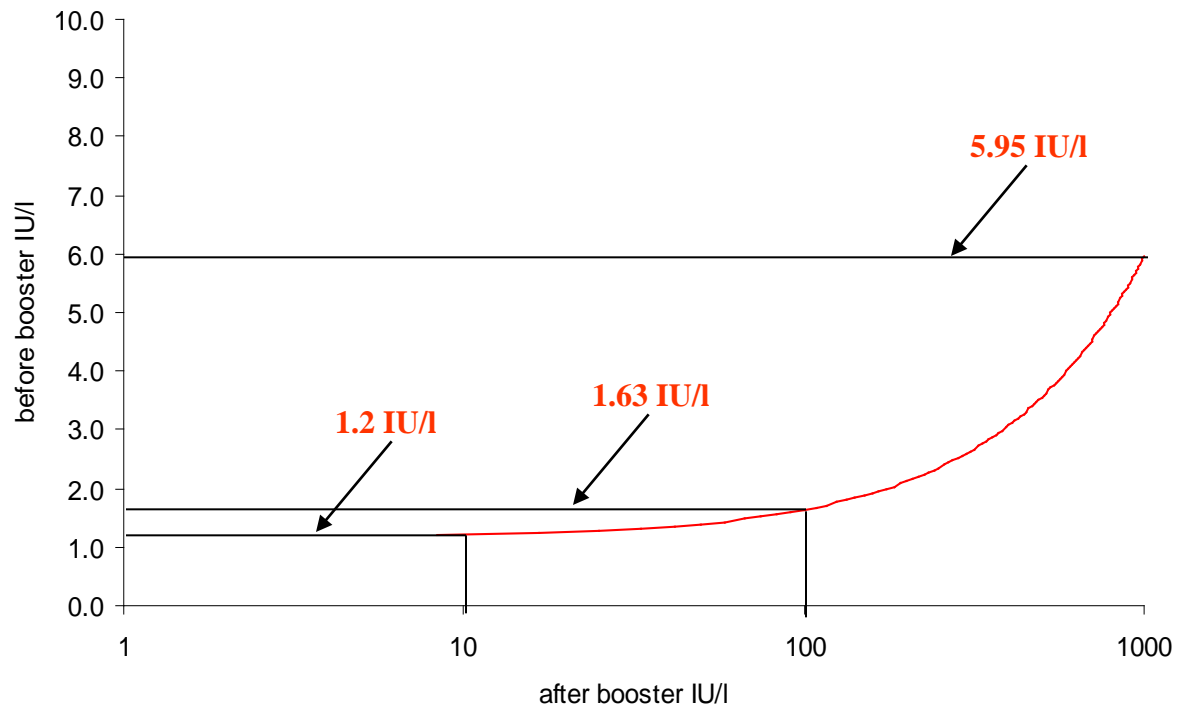




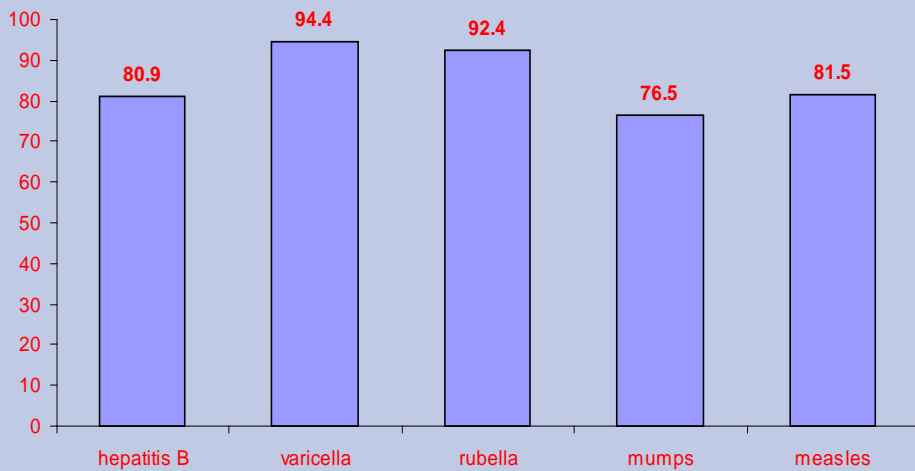
■ Engerix-B®	0.9	0.0	1.4	7.7	9.9	31.5	44.6	14.0
■ Recombivax HB®	0.5	0.1	3.5	12.1	16.3	38.3	38.5	6.9



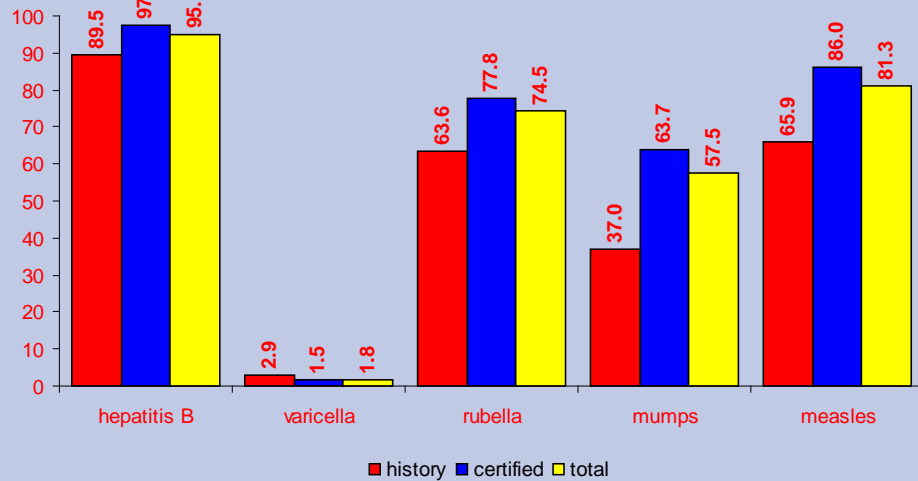




percent of positive markers



percent of vaccination



## MANY THANK TO:

### HEALTH ASSISTANTS:

CLARA FRASSON

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### CO-WORKERS:

FEDERICA CHIARA PhD

ANNAMARIA NICOLLI PhD

LUCA FERRETTO MD

MATTEO BORELLA-VENTURINI MD

MONICA GIRALDO MD

THANK YOU VERY  
MUCH FOR YOUR  
ATTENTION