CORRESPONDENCE

ACTIVE IMMUNIZATION AGAINST HEPATITIS B VIRUS (HBV) WITH LOW-DOSES OF PLASMA-DERIVED VACCINE BY INTRADERMAL ROUTE. ANTI-HBs RESPONSE AFTER THREE YEARS OF FOLLOW-UP.

We have recently published the results of active immunization against HBV with low-doses of plasma-derived vaccine by intradermal route in health-workers1.

Three years after the immunization, we randomly selected 43 anti-HBs-positive workers in order to study the antibody serum response by ELISA technique (Abbott). The figure shows that 38 out of 43 (88.4%) and 35 out of 43 (81.4%) anti-HBs-positive health-workers presented an anti-HBs response above 10 times the cut-off level (considered a good antibody response) at one and 36 months after the immunization, respectively (Chi-square Yates corrected = 0.36, p = 0.55). No anti-HBs negative results were observed in this period of time.

This result shows that an active immunization against HBV with low-doses schedule of plasma-derived vaccine by intradermal route is effective after three years of follow-up.

Fig. 1 — Anti-HBs response at the first and thirty-sixth month after active immunization against HBV with low-doses of plasma-derived vaccine by intradermal route.

REFERENCE


Clinical Hepatology Branch,
Discipline of Clinical Gastroenterology,
University S. Paulo School of Medicine.
Av. Dr. Enés C. Aquilari, 255 - 7° andar, 05403 São Paulo, SP, Brazil.
and Hospital Oswaldo Cruz, São Paulo.

Flair José CARRILHO
Maria Lúcia QUEIROZ
Luís Edmundo Pinto da FONSECA
Leida OBARA
Luís Caetano da SILVA

Received for publication on 27/2/1991.
Accepted for publication on 15/3/1991.