

Occurrence of aluminium granuloma after administration of Quadrivalent HPV vaccine. Report of case.

Marsee DK, Williams JM, Valasuez EF. Am Dermatopathol 2008, 30: 622-624

Occurrence of Al-containing granuloma at the site of 3rd Gardasil vaccine.

This patient did suffer earlier from appendicitis with unusual granulomatous reaction. Such reaction is uncommon but can be caused (or vice versa) by variety of systemic disorders such as Crohns disease and sarcoidosis.

They say:

Each vaccine contains 225 µg of aluminium hydroxyphosphate sulphate.

Vaccines are believed to preferentially activate TH2 type of antibody response to antigen (De Guidicce et al Vaccine 2001, 20 (suppl1) 538-541

Aurintricarboxylic acid stain is used to demonstrate the presence of aluminium in the bone of dialysed patients and in tattoos containing Al (Mc Fadden et al A Am Acad Derm 1989, 20: 903-908).

Valtulini et al (Vaccine, 2005,23: 3999-4004: Aluminium hydroxide induced granulomas in pigs.)

described the presence of Al containing granulomas in 10 000 (!) of 16 000 pigs at slaughter. Granulomas were detected in all vaccinated animals who were vaccinated with Al-containing vaccine but not in animals vaccinated with water.

Another granuloma disease is macrophagic myofasciitis described by Gherardi and colleagues (Gherardi RK, Coquet M, Cherin P et al. Macrophagic myofasciitis lesions assess long – term persistence of vaccine-derived aluminium hydroxide in muscle. Brain, 2001, 124: 1821-1831)