## **040. DO METALS PLAY A ROLE IN TATTOO ALLERGY?**

## Christa De Cuyper<sup>1</sup>, Evelien Lodewick<sup>2</sup>, Ines Schreiver<sup>3</sup>

<sup>1</sup>Dermatology, AZ Sint Jan, Brugge, Belgium <sup>2</sup>Dermatology ZorgSaam, Terneuzen, The Netherlands <sup>3</sup>Bundesinstitut für Risikobewertung, Berlin, Germany

We present a patient with a papulonodular reaction in several tattoos, associated with systemic symptoms. After surgical removal of metal osteosynthesis material the skin symptoms improved within a week. Skin testing with an extract of the metal screws evoked a flare up of the symptoms. Different metals could be identified in the extract of the screws and the presence of corresponding metals could be demonstrated in the skin biopsy. The association of metal implants and cutaneous allergic manifestations will be discussed.