

**Undesirable effects of different chemicals used in tattoo inks****Mohammad Athar**

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A fashion trend and growing interest of youth towards tattooing has become an important issue to discuss and concerns are therefore exist to find out the hazardous effects of different chemical used in formulation of tattoo inks. Allergic hypersensitivity and severe dermatological reaction are common with irritation, redness, and swelling. Eczematous skin reactions, also reported in many cases. Commercially available different colours of tattoo inks contains different chemicals like ferric oxide (red and black ), chromium oxide (green), cobalt blue (blue) , manganese violet and lead white. Almost all metallic salts are found to cause undesirable effects on health.

Bioengineered APSD demonstrated enthusiastic results regarding wound healing. It can be easily handled and shipped.

APSD groups healed well except one group for which the quality of cells was initially worse as compared to cells for the 3 other groups. A clinical trial is planned by mid-2020.