

case. The Q-switched laser is mobilizing the ink which may generate systemic allergic response

4. Local allergic response (figure 8, D) happened in two cases, probably due to photo allergic reaction Erythema, pruritus was happened in two cases after Q- switched laser treatment for red ink

tattoo, this probably because the red ink contain cinnabar (mercuric sulphide) . This complication was treated by locally applied (steroid + antibiotic) ointment, oral antihistamines and sunscreen after laser treatment.

**Table 3: Complications after laser treatment.**

Type of Complication	Number of lesions	%	notes
Hypopigmentation	Nil	-	-
Depigmentation	Nil	-	-
Hyperpigmentation	Nil	-	-
Transient textural change	15	17.64	Often resolved within one month
Permanent textural change	Nil	-	-
Scar	Nil	-	-
blister	Nil	-	-
Local allergic response	2	2.35	-
Erythema, pruritus	2	2.35	In red color tattoo (red ink contain cinnabar)
Inflamed nodules, varicose papules.	Nil	-	-
granulomas	Nil	-	-
Systemic allergic	1	1.17	Responded to antihistamines and steroids due to Q-switched mobilizing the ink which may generate systemic allergic response
Rupture blood vessels and aerosolize tissue	Nil	-	-
Pin-point bleeding	20	23.52	-