2. Prof. Dr. Motiur Rahman Molla, BDS (Dhaka), PhD (Japan), Dip (OMS), FCPS, FICS (USA). Professor and Chairman,

that apply to all tissues and provides excellent

in the skin illustrates the general principles of healing

number of local or systemic factors. Wound healing

problem, which is a consequence of disordered

be associated with systemic effects, like diabetes

region during initial surgery and at day 7. These

for histopathological examination. Peroperatively

Masson's Trichrome stain x 200).  

photomicrograph of skin of 7th postoperative day showing reticular collagen, (Profound - 1, Moderate - 2, scanty - 3, Absent - 4), Eosin and Masson's Trichrome stained sections. In other studies, as it is well documented that sex hormones modulate healing and males are

as part of extra cellular matrix in skin. Type III, which is also normally present in skin, becomes

inflammatory infiltrate, collagen fibre orientation, as well as presence or absence of mature collagen, as well as presence or absence of

photograph 1. Based on six histological parameters of wound healing: clinical correlation with

7 profound amount of granulation tissue, early collagen fibres, plenty inflammatory infiltrate, vertical orientation of reticular

Photograph 2. Histological examination of tissue specimen both

and amount of mature collagen (Profound - 1, Moderate - 2, scanty - 3, Absent - 4). The assessment of histological state of healing

7,18. Biopsy obtained on peroperative day 0 and day 7 in postoperative cases of maxillofacial region in patients with or without risk factors. Microscopic examination of tissue specimen is a reliable and reasonably safe method to evaluate the histological differences.

Out of 32 patients, 17 patients with risk factor were in study group and 15 apparently healthy persons without risk

including in the sample. They were enrolled in

radiotherapy and immunosuppressive drugs. A
good nutritional status and had no history of

malignancy, local infections, and associated

disease. The multifactorial nature of healing in the

other studies. As it is well documented that sex

hormones modulate healing and males are

in the study patients (11.9±2.5) compared to control

Mean±SD	          44.1±12.7									   45.9±14.1							   44.6±12.9						     0.714

Age in years	Sex 	T otal	P  Value

31.3%) were female with male and female ratio was

3.16:1. Among the study group, 58.8% were male and 41.2% female and among the control

8. Watkinson John C, Gaze Mark N and Wilson Janet A.

9. Mustafa S, Effect of copper salt of Ibuprofen on


11.  Haneya. M. Elbanna, Kawther G. Tolba and Olfat A.