Ms. No. SUON-D-18-00031 Systemic administration of heparin ameliorates radiation-induced oral mucositis – preclinical studies in mice
Strahlentherapie und Onkologie

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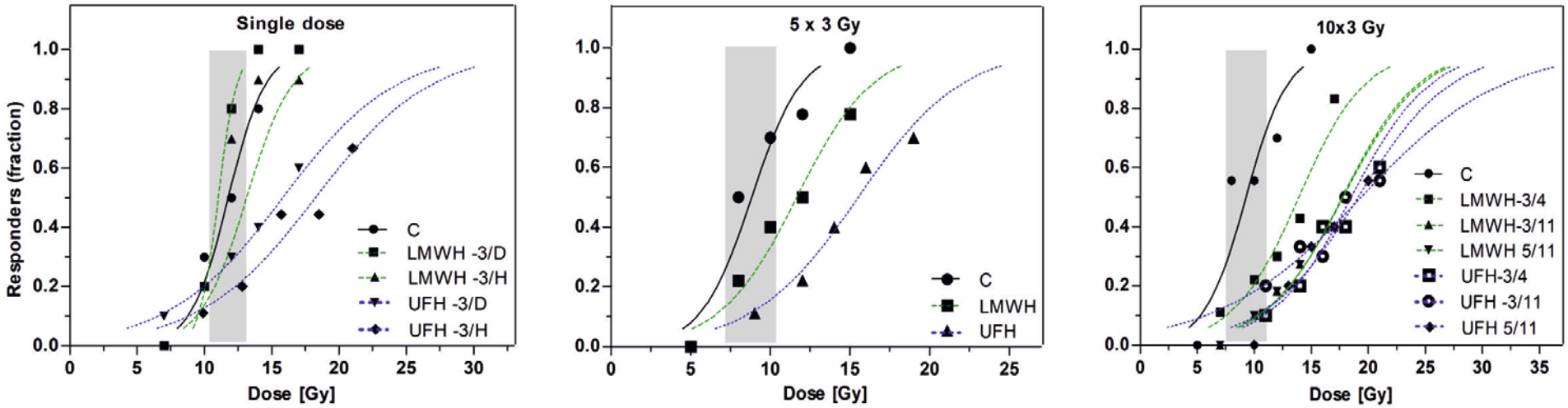

Online Resource 1 Local test irradiation full dose-response curves for heparin effect on the radiation-induced oral mucositis after single dose (a) and fractionated irradiation over one (b) or two (c) weeks.

Each curve represents the dose response of the test irradiation based on one experiment with 5 graded dose groups with 10 animals each, performed either with UFH or LMWH given over varying time intervals. Responders are defined as animals developing mucosal ulcerations. Shaded area displays the ED50 ± 1SD of the corresponding control experiment (irradiation alone). The corresponding ED_{50} and p-values are given in Table 1. C: control; D: first diagnosis of the ulceration; H: healing of the ulceration.