

THE TIME FACTOR IN THE EFFECTIVENESS OF HOMOGENOUS
BONE GRAFTS IN DOGS .Ph.D THESIS SUBMITTED TO FACULTY OF ORAL AND
DENTAL MEDICINE , cairo university , in partial fulfillment of the requirements for
Doctor Degree in oral surgery , 1986 .

تأثير عامل الوقت على صلاحية الرقعة العظمية المتجانسة .

The fate of postmortem bone grafts procured from cadavers and transplanted in bony defects were investigated , at intervals of immediate , six hours , and twelve hours after sacrifice .Fresh cadaver grafts were found stable and incorporated after 3 – 4 weeks simulating fresh viable bone grafts .However , grafts procured at 6 and 12 hours postmortem took much time to be consolidated .Using histologic sections , it was shown also that all grafts were indistinguishable from the host bone after 3 months of grafting procedure .It was concluded that fresh cadaver bone grafts could be safely and successfully used as bone substitutes .