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学位論文審査並びに最終試験結果報告書

大学院歯学研究科長 殿

主査 長澤敏行   
副査 村田勝   
副査 谷村明彦   
副査 安彦孝裕 

今般 MD RIASAT HASAN にかかわる学位論文審査並びに最終試験を行い下記の結果を得たので報告する。

記

- 1 学位論文題目 Effects of tooth storage media on periodontal ligament preservation
- 2 論文要旨 別添
- 3 学位論文審査の要旨 別添（様式第 12 号）
- 4 最終試験の要旨 別添（様式第 13 号）

以上の結果 MD RIASAT HASAN は博士（歯学）の学位を授与する資格のあるものと判定する。

学位論文審査の要旨

主査 長澤敏行   
副査 村田 勝   
副査 谷村 明彦   
副査 安齋 幸裕 

氏 名 MD RIASAT HASAN

学位論文題目 Effects of tooth storage media on periodontal ligament preservation

以下本文 (15行目から1000字以内)

Dr. Md Riasat Hasan investigated the effectiveness of milk and egg white as tooth storage media using animal models. He extracted rat tooth, and transplanted them into the rat subcutaneous tissue after a 1 h immersion in storage media (milk, egg white or HBSS). The effectiveness was evaluated by histopathological observations in PDL, and the results were compared with those in HBSS. He found that the PDL thickness after a 1 h immersion varies between groups, being thinnest in the milk group. The disturbance in the periodontium in the milk group resulted in the root resorption and ankylosis. In contrast, newly formed periodontal tissue was observed in egg white group. Based on these findings, he concluded that egg white is a favorable storage media for avulsed teeth. There are little reports on the storage media for avulsed teeth using in vivo animal model, and the present study shed light on the integrity of the periodontium from various aspects, including expression of periostin, macrophage infiltration and morphology of epithelial cell rests of Malassez. Chief and sub-reviewers evaluated the present study met the standard of the thesis in the field of dentistry.

最終試験 (学力の確認) の要旨

主査 長澤 敏行



副査 村田 勝



副査 谷村 明彦



副査 安部 善治



氏 名 MD RIASAT HASAN

以下本文 (10行目から200字以内)

Chief and sub-investigators discussed with Dr. Md Riasat Hasan on his research work, and tested whether he could discuss on his work based on the current basic and clinical science in Dentistry. He could logically responded to the questions raised by the reviewers, and his performance was evaluated as he has met the standard for the Ph. D degree.