



Q & M DENTAL GROUP (SINGAPORE) LIMITED
(Company Registration Number 200800507R)
(Incorporated in the Republic of Singapore)

**DEVELOPMENT OF ARTIFICIAL INTELLIGENCE ENHANCED ("AI-enhanced") DENTAL
TREATMENT DECISION SUPPORT SYSTEM**

1. BACKGROUND

- 1.1. The board of directors (the "**Board**" or "**Directors**") of Q & M Dental Group (Singapore) Limited ("**Q & M**" or the "**Company**", and together with its subsidiaries, the "**Group**") is pleased to announce that the Group has entered into an exclusive collaboration agreement (the "**Collaboration Agreement**") with IMU Education Sdn Bhd ("**IMUE**"), a company incorporated under the laws of Malaysia, on 8 April 2019 to develop an AI-enhanced dental treatment decision support system (the "**AI Project**") for the clinical management of common dental problems. This is the first AI Project in Southeast Asia of such nature.
- 1.2. IMUE owns and operates one of the largest private premier higher learning educational institutions in Malaysia, International Medical University ("**IMU**").
- 1.3. Established in 1922, IMU is an integrated healthcare institution specialising in dental, medicine, health sciences and research programmes. In partnership with some of the world's most prestigious universities and respected individuals in the field of healthcare, IMU offers pre-university, undergraduate, postgraduate and continuous learning programmes in the fields of healthcare and research. With a renowned and highly experienced faculty having extensive experience in academia and research, IMU is one of the pioneers in healthcare research and education.
- 1.4. The AI Project is being funded using the internal resources of the Group and the Collaboration Agreement is not expected to have any material impact on the net tangible assets per share and earnings per share of the Group for the current financial year ending 31 December 2019.

2. RATIONALE FOR THE RESEARCH COLLABORATION

- 2.1. The Board is of the view that the AI Project is complementary to the Group's core business in dental healthcare sector. The AI Project is focused on the development of AI algorithms to intelligently assist dental treatment decision making. The end product will produce the most comprehensive treatment plans in the best interests of the patients and will aid the dentists in ensuring early and/or complete detection of dental problems. Further, it can be used as an adjunct training tool which the Group can leverage upon in the continuing education of its pool of more than 200 dentists.

- 2.2. The clinical management of dental problems is highly dependent on the diagnoses of the dentists which require a great deal of knowledge of, amongst other factors, the various risk factors, treatment plans, treatment outcomes, individual patient's conditions, and incidence and progression rates. As dentist are limited by and differ in their cognitive function, these factors combined may result in a divergence in diagnoses and subsequent treatment plans made by different dentists. The AI-enhanced dental treatment decision support system will put in place the best dental expertise that not only provide the most appropriate treatment but also automate and optimize the involvement of human judgement.
- 2.3. The Company is also in the process of registering a patent for this AI-enhanced dental treatment decision support system. A prototype is estimated to be rolled out in the fourth quarter of 2019.

By Order of the Board

Q & M Dental Group (Singapore) Limited

Vitters Sim
Chief Financial Officer
8 April 2019

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