

The application of teleradiology in dentomaxillofacial radiology

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ABSTRACT

Radiograph interpretation which is conducted by dentomaxillofacial radiologist has a problem with distance, time and limited number of dental radiologist in Indonesia that it becomes an obstacles to provided expansive and be spread evently radiograph interpretation services. The objective of this review to provide information to general dentist and other dental specialist about teleradiology advantage in dentomaxillofacial radiology as communication media between dental radiologist and other dental specialist using teleradiology system. Radiographs imaging can be easily sent from dental radiologist to other dental spesialist not only in the sections of the hospital but also other locations throughout the world. The teleradiology system need adequate internet capacity, internet speed and bandwith. Benefits of using teleradiology is able to achieve efectivity dentomaxillofacial radiology services. As conclusion, teleradiology can be used as communication media between dentomaxillofacial radiologist with other dental specialists, especially in providing services radiograph interpretation thus can provide patient services effectively and efficiently, without problem of human resources, time, distance and location.

Keywords: teleradiology, digital, radiograph, interpretation.

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INTRODUCTION

The Dentomaxillofacial radiology services in Indonesia is growing in line with technological developments. There are still problems that disruptdentomaxillofacial radiology services, particularly in terms of location, time, limitations of x-rays machine and human resources. Secluded areas that are not founded radiology services especially at a time outside working ho'urs or in emergencies, the dentomaxillofacial radiology services

performed by a dentomaxillofacial radiologist is necessary. Quantity ofdentomaxillofacial radiologist in Indonesia is very limited and should required demand all of dentomaxilloradiograph services.

As the development of science at the present time, there are various problems ofdistance, time and human resources can be solved by communication techniques. The remote communication can be done in the field