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Preliminary Investigation on the Telemedicine Infrastructure Construction Project for Remote Areas

**Joint Commission of Taiwan (JCT) has commissioned by
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Abstract

The increasing technological involvement and informatization in medical practice has contributed to the development of telemedicine in medical industries worldwide. Such development has been further accelerated and expanded as the COVID-19 pandemic receded and related regulations eased globally. Taiwan's Ministry of Health and Welfare launched a telemedicine infrastructure construction project for remote areas (hereafter "the Project") in 2021. In the Project, telemedicine infrastructure was established for 14 emergency and critical patient transfer networks across Taiwan to increase the availability of remote consultation services, optimize the medical evacuation mechanism for transfers in regional care networks, and address the insufficient medical resources in remote areas. The purpose of this study is to introduce the onsite coaching and assessment conducted by the Joint Commission of Taiwan in relation to the Project's four major strategies (remote consultation, green corridors, safe transfers, and regional care networks). Another focus of this study is to share experts' thoughts on the challenges medical institutions face in their collaboration models and execution of plans. The study is expected to encourage medical institutions to participate in the Project and offer medical resources in remote areas and areas with inadequate medical resources, thereby improving the medical capacity, quality, and accessibility in remote areas.

Keywords: remote area, telemedicine, remote consultation

執行「偏遠地區遠距醫療建置計畫」之成果初探

衛生福利部委託辦理

財團法人醫院評鑑暨醫療品質策進會

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摘要

隨著科技導入及資訊化程度提升，遠距醫療已是多數國家醫療發展之趨勢，在全球疫情及法規放寬管制下更加速其擴展。衛生福利部（以下稱衛福部）於110年投入「偏遠地區遠距醫療建置計畫」（以下稱本計畫），藉由提供全國14個急重症轉診網絡適切的遠距醫療設施設備，增加遠距會診服務、優化區域聯防之轉診後送機制，期改善偏遠地區醫療資源不足問題。本文主要介紹由衛福部委託財團法人醫院評鑑暨醫療品質策進會（以下稱醫策會）就本計畫四大策略（包含遠距會診、綠色通道、安全轉診及區域聯防）進行之實地輔導暨盤點作業，並分享專家委員對於醫療機構合作模式及執行困難點之建議內容，希冀更多醫療機構合作參與本計畫，針對偏遠及醫療資源不足地區投入相關資源，共同提升偏遠地區醫療服務之量能及品質與可近性。

關鍵詞：偏遠地區、遠距醫療、遠距會診