

69. EMERGENCY MEDICINE DELIVERY USING DRONE IN REMOTE AREAS

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In developing countries, last-mile delivery of medical products is a challenge, especially in hilly and rural areas where there is no road connectivity. Drones, or unmanned aerial vehicles (UAVs), present a transformative solution by enabling rapid and efficient transportation of life-saving medicines, vaccines, and medical supplies. This study explores the design and implementation of a drone-based emergency medicine delivery system tailored for remote areas. As helicopters or other air services are not affordable all the time, drones can be used for the supply of medical products. They are cost-effective as compared to other air or road transport. However, the carrying capacity of drone is less, it is not able to carry heavier payloads. Also, operating drones requires trained operators, and it is a new venture in a developing country so possibilities of confusion and lack of clarity on operating procedures are there. Drones are becoming increasingly reliable for the health care delivery. This narrative review explores the use of drones in healthcare delivery globally.

