

The Benefits of Drone in Transporting Short Half-life Medical Isotopes

Short half-life medical isotopes, such as Mo-99 are widely used in medical application for body diagnoses. The technology of transporting Mo-99 with half-life of 66 hours is very important to develop. The delivery system also must be efficient and quick enough to supply hospital demand, so the activity of Mo-99 when the package arrive still high. The automation capability of drone technology is suitable for this problem because it can accelerate distribution time of Mo-99 to the consumer. The drone technology also can deliver the Mo-99 to remote area so the body diagnoses technology can reach wider community with every life condition. Otherwise, for transporting medical isotopes, drone technology need to be improved continually especially in the security and safety regulation in medical isotopes packaging and drone design.

State

Indonesia

Gender

Male

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