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(57) Abstract :

The present disclosure pertains to an autonomous stretcher assembly (100) including a set of sensors (104), an image capturing unit (106), a set of motors (108), a processing unit (110), and an alert unit. The processor (110) facilitates autonomous movement of the assembly (100) from a source to a destination by detecting obstructions with help of the set of sensors (104) and the image capturing unit (106), and facilitate changing direction of one or more wheels associated with the stretcher (102). The processing unit (110) enables tracking useful medical analytics and observing medical analytics which help doctor and medical practitioner to control medical situation efficiently. The processing unit (110) facilitates route of the doctor's cabin, operation theatre, and the like.

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