

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311071018 A

(19) INDIA

(22) Date of filing of Application :18/10/2023

(43) Publication Date : 24/11/2023

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING FLUID WEIGHT OF PATIENT'S URINE BAG

(51) International classification :A61B5/20,  
G01N33/493  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :

The present disclosure provides a system (100) and method (200) for monitoring fluid weight of patient's urine bag. The system (100) includes an electronic device (104), where the electronic device (104) operatively coupled with a controller (110), a weighing sensor (108) and an alarm unit (112). The electronic device attached to a urine bag (114) with a plurality of clips, where a top clip (102) connected on an upper part to hang the electronic device (104) on a patient bed, and a bottom clip (106) connected on a lower part to hold the urine bag (114). The system (100) continuously monitors the fluid weight within the urine bag (114) and issues early warnings through either sound or light alarm unit as the urine bag (114) nears the maximum capacity. By preventing overfilling, the system (100) reduces the risk of complications, such as infections and skin irritations, while ensuring patient comfort.

No. of Pages : 20 No. of Claims : 8