

ABSTRACT

SYSTEMS, DEVICES AND METHODS FOR SENSING PHYSIOLOGIC DATA AND DRAINING AND ANALYZING BODILY FLUIDS

5 Systems, devices and methods for sensing physiologic data and draining and
analyzing bodily fluids are described which are capable of sensing physiologic data based on
sensors incorporated into a catheter adapted to reside in any of a urinary tract, gastrointestinal
tract, rectal location, pre-peritoneal, pleural space or other body cavity. The devices aid
emptying of the bladder, measure urine output and various urine parameters such as oxygen
10 tension, urine conductance and urine specific gravity, monitor renal function, analyze urine
parameters, including urine content, including the presence of infection, and track and/or
control fluid administration.

Fig.10A