Reviewer's report

Title: Non-Invasive Respiratory Volume Monitoring Identifies Opioid-Induced Respiratory Depression in an Orthopedic Surgery Patient with Diagnosed Obstructive Sleep Apnea: A Case Report

Version: 2 Date: 22 December 2014

Reviewer: Niti Gulati

Which of the following following best describes what type of case report this is?: New associations or variations in disease processes

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

Respiratory volume measurement provides real time measurement of tidal volume, respiratory rate, minute ventilation via a standardized set of thoracic electrodes and provides early identification of respiratory compromise. It provides the length and pattern of apnoeic and hypoapnoeic episodes and increase in such responses after narcotic dosages. Before other clinical parameters this provides early diagnosis.

Level of interest: An article of importance in its field
Quality of written English: Acceptable

Declaration of competing interests:
I don’t have any competing interests.