

## A Short Introduction on Case Reports in Clinical Medicine

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This issue covers 3 interesting case reports. In the first case the authors highlight the issue of sedation during anaesthesia in a case of Mucopolysaccharidosis-IV. Patients with Mucopolysaccharidosis-IV may have craniofacial deformities and short neck, along with stiffening of the temporo-mandibular joints, anteriorly positioned larynx and an unstable atlanto-axial joint. All this poses difficulty in hyper-extension of the neck and resultant difficulty in intubation and laryngoscopy. The risk is compounded further in adults with Mucopolysaccharidosis-IV with deposition of glycosaminoglycans in the pharyngeal tissues.

The second case involves management of Kala Azar, a chronic infectious disease caused by parasitic infection with *Leishmania donovani*. Over the years it has been seen that infection with *Leishmania donovani* has become drug resistant to molecules like antimony, pentamidine, paromomycin and miltefosine. In such situations Amphotericin B, has been shown to be useful in the management of Kala Azar. The authors treated a patient of Kala Azar with liposomal

Amphotericin-B, who was resistant to miltefosine. Interesting the authors noted comorbid depression in the patient with Kala Azar, which improved with improvement in his clinical status of Kala Azar. As a chronic physical illness, depression may be understood as a reaction to illness, but the authors rightly raise the issue of lack of epidemiological data with regard to depression and other common mental disorders in patients with Kala Azar. Further, the authors noted improvement in depression with Amphotericin-B. This improvement suggests that it be useful to evaluate Amphotericin -B for its antidepressant properties.

The case report discusses the rare clinical entity of vaginal melanoma in an elderly lady. This case highlights the need for proper evaluation of postmenopausal women presenting with bleeding per vaginum. In this report the authors review the diagnostic evaluation to be done in a female presenting with bleeding per vaginum with suspected melanoma and available treatment options for vaginal melanoma.

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**Received** December 27, 2013; **Accepted** December 29, 2013; **Published** December 31, 2013

**Citation:** Grover S (2013) A Short Introduction on Case Reports in Clinical Medicine. J Clin Case Rep 3: e122. doi:[10.4172/2165-7920.1000e122](https://doi.org/10.4172/2165-7920.1000e122)

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