Author’s response to reviews

Title: Successful balloon valvuloplasty of a subpulmonic membrane associated with cor triatriatum dexter: case report

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Version: 2 Date: 31 Jul 2019

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1. Add a paragraph at the end of the Introduction that explains why this case report is presented (what is unique and adds to the medical knowledge): This case is presented because it is, at least to our knowledge, the first one described associating cor triatriatum dexter with an obstructive subpulmonic membrane and a successful attempt of balloon valvuloplasty of the subpulmonic membrane.

2. The case report should include past medical, social, environmental, family history. Were the parents related? What medications was the patient receiving prior to diagnosis? Give the doses of all medications that were given and their doses: We report a 3-year-old Moroccan boy with no past medical, social, environmental or family history who was referred to our department with dyspnea on moderate exertion for 3 months. Parents were not related. He was not on any medication at the time of presentation.

3. Give detailed physical and neurological examination on admission: On physical examination, he appeared to be well-grown and healthy appearing boy with a weight of 15 kg, height of 80 cm and body mass index of 23.4 kg/m². His blood pressure was 100/60 mmHg and his pulse rate at 100 bpm. His oxygen saturation was 99% on room air. Peripheral pulses were palpable. He had a parasternal lift, systolic thrill and a 4/6 ejection systolic murmur, best heard over the left 2nd intercostal space and a pansystolic murmur of grade 3/6 intensity, best heard over the left lower sternal border. There was no hepatomegaly or peripheral edema. Neurological examination was normal as well as general physical examination.
4. Give all results of laboratory findings (i.e. CBC, liver and renal functions), urinalysis, serology, microbiology etc): Complete blood count showed an hemoglobin at 13 g/dl, white blood cells at 7100 cells/mcl, platelets at 310000 cells/mcl. Liver function tests were normal with an ALT of 17 IU/L and an AST of 21 IU/L. Renal function tests were also normal with a serum creatinine level at 0.5 mg/dl and a blood urea nitrogen level at 7 mg/dl.

5. Was an autopsy performed, and what were the findings? Autopsy was not performed.

6. Discussion – add a paragraph at the beginning of the Discussion that summarizes the case and describes what is unique in this case compared to what is available in the literature: Association of cor triatriatum dexter and subpulmonic membrane with a successful attempt of balloon valvuloplasty is very rare and this case is, at least to our knowledge the first one to be reported in the literature with such an association.