

## Bilateral Idiopathic Spontaneous Renal Hematoma about a New Observation and Literature Review

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### Abstract

This is a 63-year-old female patient diagnosed with spontaneous bilateral idiopathic renal hematoma. She presented clinical signs of lower back pain and anemia. The diagnosis was confirmed by ultrasound, CT scan and renal CT angiography. Management consisted of transfusion and monitoring with surgical abstention.

### Introduction

Spontaneous Renal Hematoma (SRH) is a renal subcapsular or peri-renal hematoma that was described in first by Wunderlich in 1856 [1]. This affection is rarely observed [2-4]. It is most often unilateral, bilaterality is even more uncommon [5-8]. SRH is a clinical entity that poses a real diagnostic and therapeutic challenge [9]. The aim of our study is to talk about the diagnostic and therapeutic aspect of SRH.

### Case

It about Mrs. A.L., a 63-year-old housewife who was transferred to the urology department of Cocody University Hospital on 02/27/2017 for bilateral renal hematoma. This is a patient who presented 2 weeks before a lower back pain without notion of trauma, discomfort, and confusion. The ultrasound performed revealed a bilateral renal hematoma (Figure 1).



**Figure 1:** Bilateral renal hematoma on ultrasound A: left renal hematoma B: right renal hematoma.



but surgical abstention is required in cases of idiopathic SRH with hemodynamic stability or in cases of bilaterality.

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