

Blood lead levels with leaduria and cadminemia with admiuria were high in 9 and 2 cases, respectively. Renal biopsy was performed in 7 cases. It showed tubulointerstitial and glomerular lesions with presence of gold salts in the cells of the proximal convoluted tubule. Hospitalization was necessary in all cases. Management with a distance from the professional environment was started.

Conclusion The role of the occupational physician is absolutely fundamental in the diagnosis and prevention of arterial hypertension of toxic origin.

Disclosure of interest The authors declare that they have no competing interest.

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Strokes secondary to hypertensive peaks in emergencies



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Background Stroke is a diagnostic and therapeutic emergency. It is defined as a rapid development of localized neurological deficit

or a cerebral dysfunction lasting more than 24 hours. Stroke can be haemorrhagic in 20% of cases. It is a common and serious pathology due to the important mortality rate and the major risk of disability and recurrence.

Methods A retrospective study during 6 months ranging from March to September 2017.

Results There were 42 hypertensive patients with a median age of 77 years (25% < 55 years and 22% > 85 years). The risk factors found in these patients included: hypertension (87%), diabetes (33%), dyslipidemia (18%), smoking (67%), obesity (27%), a family history of haemorrhagic stroke (18%), arrhythmias (15%), cardiac valvulopathies and coronary diseases (27%) and arterial dissection (3%). The diagnosis and management were based on the rapid call of the SAMU, rapid clinical examination and CT scan and finally the hospitalization in a specialized unit. The delay of consultation, found in 75% of the cases, was the major cause of complications mainly: serious sequelae, important disorders of consciousness and deep coma requiring a management in intensive care unit.

Conclusion The prevention of risk factors and the reduction of time to management are the necessary conditions for a better prognosis of hemorrhagic stroke.

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