

# Severe renal damage in a 21-month-old child: question

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## Keywords

Quiz, polyarteritis nodosa, child, kidney.

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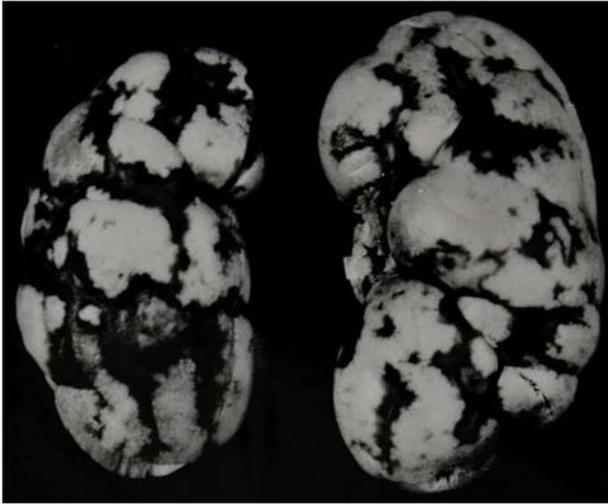
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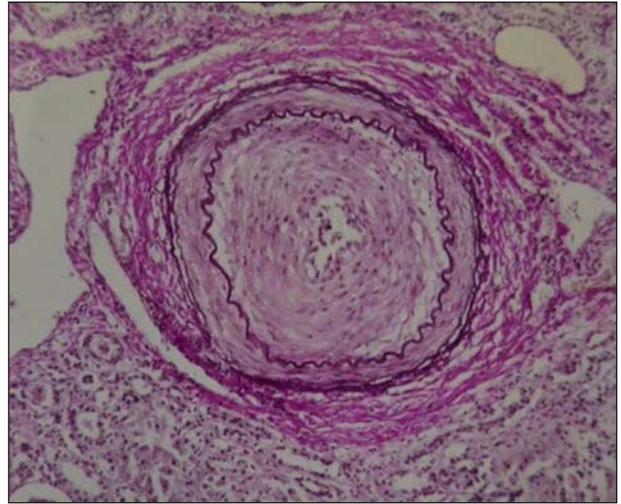
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## Case summary

A male child aged 21 months was admitted fifteen days after abdominal pain and vomits. At clinical examination, he had a pale skin, erythematous eruptions on the arms and abdomen, edema of the eyelids and feet, whitish patches on the oral mucosa of the cheek, hypertrophic tonsils and latero cervical lymphadenopathy. Laboratory tests were within the normal range. The patient was not febrile. A few days later, the child's general condition worsened and fever appeared. Seven days after admission, the child showed a skin rash on the face. He received several drugs, including aspirin and antibiotics. The patient general condition continued to worsen (body weight decreased, blood pressure and fever increased) until death.



**Figure 1.** Right and left kidney at autopsy, characterized by pale areas intermingled with red irregular depressed zones.



**Figure 2.** Medium-size kidney artery with architectural changes, characterized by intimal proliferation and marked reduction of the arterial lumen. Weigert-Van Gieson, x 100.

### Questions

1. Which is your macroscopic diagnosis?
2. Which is your histological diagnosis?

### Declaration of interest

The Authors declare that there is no conflict of interest.