

Contrast-induced acute sialadenitis: iodide mumps

An 80-year-old hypertensive woman underwent primary angioplasty for acute posterior wall myocardial infarction. A total of 150 mL of low-osmolar contrast (Ultravist-370; iopromide 0.769 g/mL, 370 mg iodine/mL) was used. Then, 15 h after the procedure, the patient developed painless swelling of both parotid glands (figure 1A). A physical examination showed a patient who was afebrile with normal heart rate and blood pressure. Bilaterally, her parotid glands were diffusely enlarged and were non-tender. Contrast-induced acute sialadenitis (iodide mumps) was confirmed after ultrasonography. She was treated with ibuprofen 800 mg per day. The sialadenitis resolved completely in 3 days (figure 1B). Iodide mumps is a rare, contrast-induced, transient sialadenitis, more commonly affecting the submandibular glands.¹ The treatment of choice is non-steroidal anti-inflammatory drugs, resulting in complete resolution in 3–5 days.²

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REFERENCES

- 1 Christensen J. Iodide mumps after intravascular administration of nonionic contrast medium. *Acta Radiol* 1995;36:82–4.
- 2 Bohora S, Harikrishnan S, Tharakan J. Iodide mumps. *Int J Cardiol* 2008;130:82–3.



Figure 1 (A) Bilaterally enlarged, non-tender parotid glands (white arrows) 15 h after angioplasty. (B) Complete resolution of parotitis after 3 days.