

A Case of the Week

Case 411

A seventy-year-old male presented in our hospital for left neck pain. A nodule of 35X45mm size was palpable, fixed at deep tissue, colored slightly red. He felt pain when it was pressured. He had experienced radiation therapy associated with chemotherapy for tongue cancer (T2N1M0) approximately ten years ago. Medical findings revealed a pulsative 3cm- mass at left neck. He took neck contrast-enhanced CT for further investigation (Figs. 1-3).

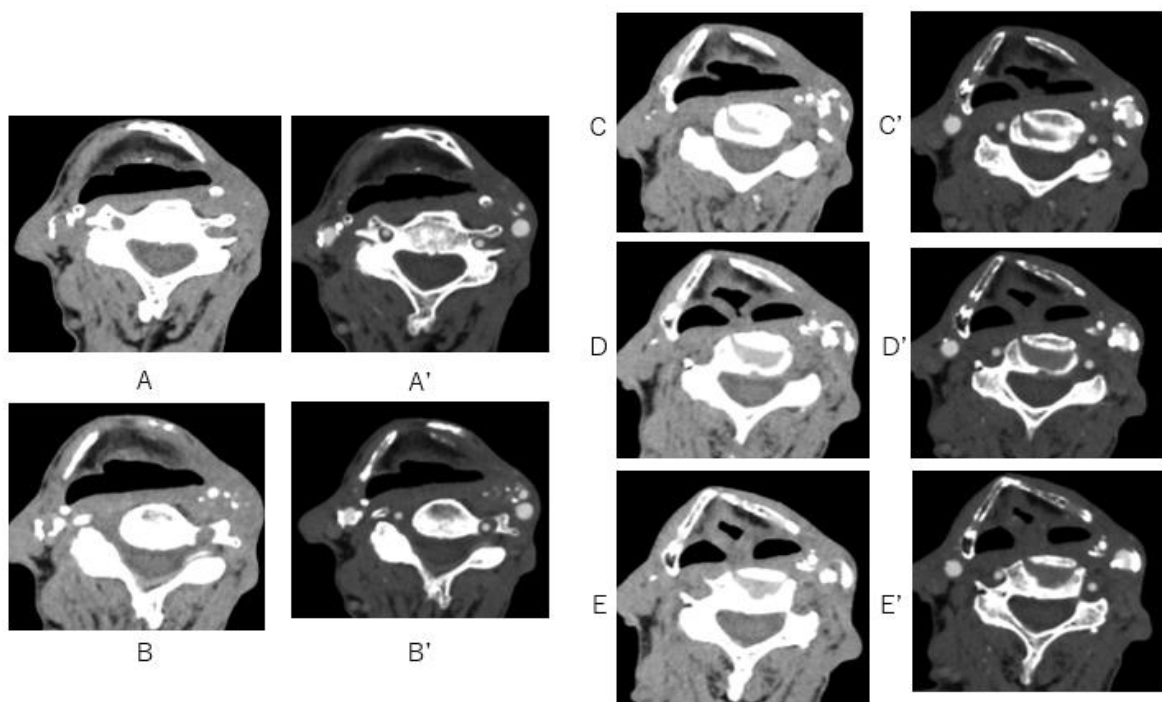


Fig.1 Bilateral calcified carotid arteries are depicted on non-enhanced axial CT (A-E). Right stenotic carotid artery and left stenotic carotid artery are depicted on enhanced axial CT (A', B') and on (C'-E'), respectively.

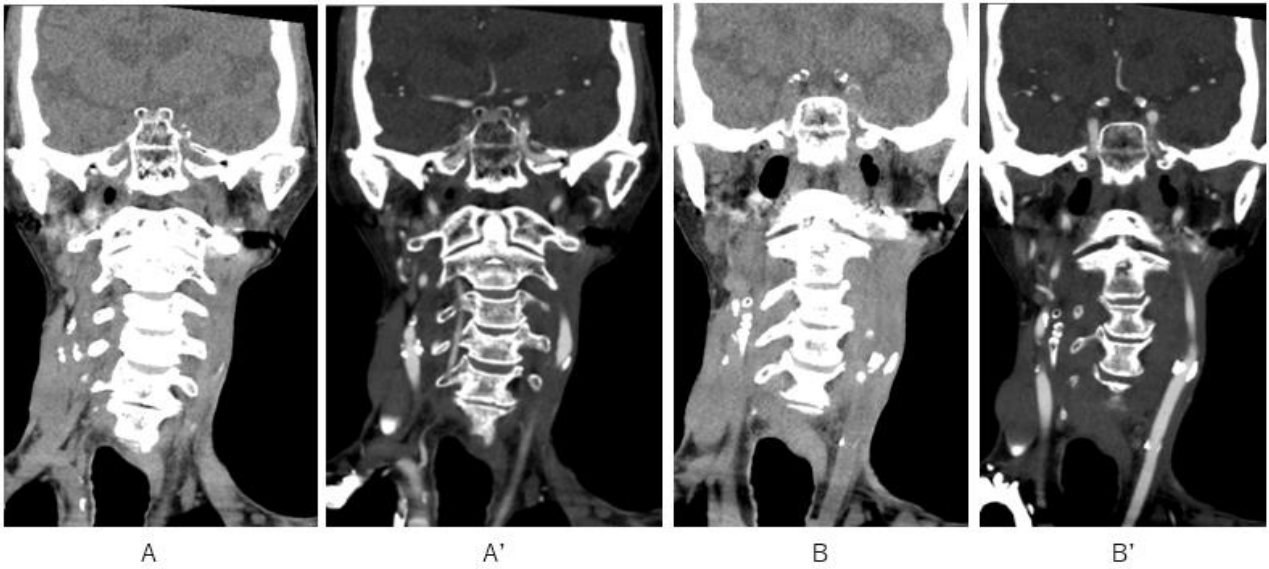


Fig.2 Bilateral calcified carotid arteries are depicted on non-enhanced axial CT (A, B). Right stenotic carotid artery and left stenotic carotid artery are depicted on enhanced coronal CT (A',B').

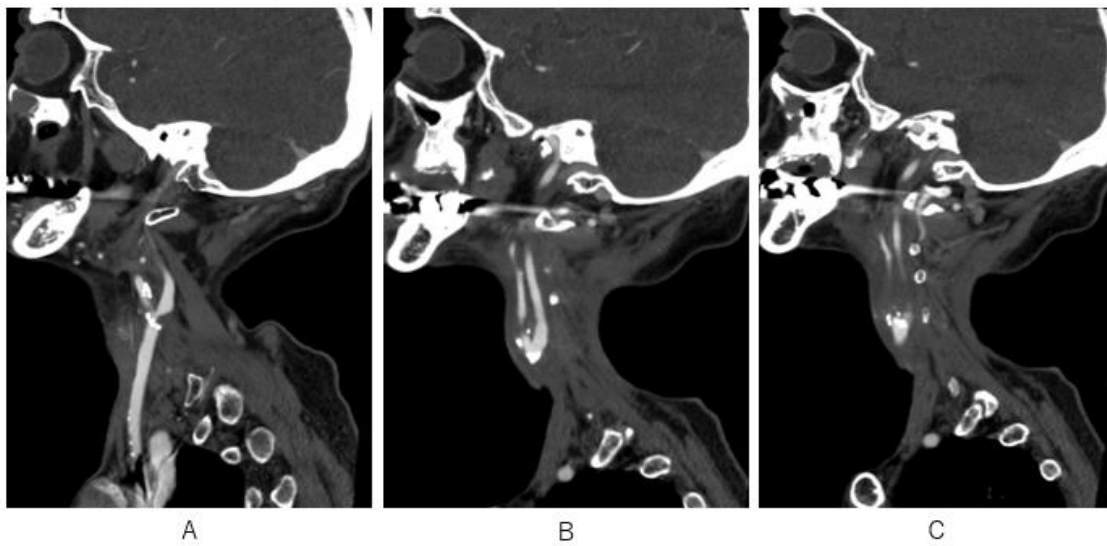


Fig.3 Right stenotic carotid artery and left stenotic carotid artery are depicted on enhanced sagittal CT (A) and on (B, C), respectively.

What causes stenotic carotid artery with calcification?

- A. Hypertension**
- B. Smoking**
- C. High cholesterol**
- D. Diabetes mellitus**
- E. Radiation treatment**

1. A, B, C / 2. B, C, D / 3. C, D, E / 4. All

answer

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