A 64-year-old male with medical history of hypertension and past medical history of ureterolithiasis presented with unsteady gait. His height, body weight, and body mass index were 164.5 cm, 74.6 kg, and 27.6 kg/m², respectively. Physical assessment revealed enlargement of his nose, lips, and eyebrow arches and positive fist sign (A). An X-ray showed cauliflower-like tufting of the distal phalanxes of his hands (B), enlargement of the frontal sinus (C: arrow-heads), and heel pad thickness of 22 mm (D: two-way arrow). Serum growth hormone (GH) and insulin-like growth factor-I (IGF-I) were 0.64 ng/mL and 259.00 ng/mL (+2.7 SD), respectively, whereas an oral glucose tolerance test (OGTT) showed significant suppression of GH production (nadir: 0.17 ng/mL). Contrast-enhanced pituitary magnetic resonance imaging (MRI) showed no tumor (E) (Figure 1).

The present case had clinical features resembling acromegaly, but an OGTT and MRI showed that there was no GH-secreting tumor, suggesting pseudoacromegaly. Pseudoacromegaly or acromegaloïdism is a rare syndrome characterized by acromegalic physical appearance or gigantism without GH/IGF-I axis abnormalities.¹,² An X-ray revealed acromegalic features in this case, however, results of radiological assessments for acromegaloïdism have seldom been reported. Further genetic investigation was deferred due to the lack of the patient's consent. Pseudoacromegaly should be recognized as an important differential diagnosis...
for patients with acromegaloïd characteristics in physical or radiological findings.

ACKNOWLEDGMENTS
None.

CONFLICT OF INTEREST
The authors declare no conflicts of interest.

AUTHOR CONTRIBUTIONS
KY: involved in writing the first draft and managed all of the submission process. KO, HH, and KH: contributed to the clinical management of the patient. FO: organized writing the manuscript.

ETHICAL APPROVAL
Informed consent was obtained from the patient to publish this case report.

ORCID
Koichiro Yamamoto https://orcid.org/0000-0001-9571-1646
Fumio Otsuka https://orcid.org/0000-0001-7014-9095

REFERENCES