

Abstract:

Computed tomography (CT) imaging in acute stroke is an established and fairly widespread approach, but there is no data on applicability of intraosseous (IO) contrast administration in the case of failed intravenous (IV) cannula placement. Here, we present the first case of IO contrast administration for CT imaging in suspected acute stroke providing a dedicated CT examination protocol and analysis of achieved image quality as well as a review of available literature.

Reference:

Krähling H, Masthoff M, Schwindt W, Stracke CP, Schindler P. Intraosseous contrast administration for emergency stroke CT. *Neuroradiology*. 2021 Jan 18. doi: 10.1007/s00234-021-02642-w. Epub ahead of print. PMID: 33462626.