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Intra-His bundle block in 2:1 atrioventricular block

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### Abstract

Intra-hisian atrioventricular (AV) block is not a common phenomenon, but it is important for the development of advanced or complete AV block. We observed a 77-year-old female patient with the 2:1 AV block due to an intra-hisian block. In this case we tried to detect the block site, but an alternating pattern of the AH conduction was noted on the His-electrogram in the electrophysiological study (EPS). The cause of the confusing finding might have been the instability of the catheter to record a His potential. We could detect a splitting of the His-electrogram with an intra-hisian block after minimal manipulation of the catheter. The authors' observations suggest that catheter stability is important for a precise recording in the EPS and radiofrequency catheter ablation procedure.

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Seven (44%) pt had 2:1 atrioventricular block, 2 of whom were asymptomatic (12.5%), One (6%) pt had intra- and infra-His bundle block. Clinically, 11 (68%) pt ...

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degree Mobitz type I intraatrial and **intra-His (IH) bundle blocks**. Tachycardia and ... Mobitz type I **AV block** without changes in the QRS ..., proterenol (IP) infusion was started show a shortening of the cycle length that induces **2:1** atrioven-

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