Left Posterolateral Mahaim like Accessory pathway

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Clinical Presentation

• Twenty five year old male presented recurrent palpitations with ECG showing Regular wide QRS tachycardia with RBBB and Left axis deviation with V1 to V6 positive. Left posterolateral origin of tachycardia. DC cardioversion was done.

• Echo showed structurally and functionally normal heart.

• Taken up for EPS and RFA.
Summary and Conclusion

• This 25 year old male having regular wide QRS tachycardia with RBBB and Left axis deviation and V1 to V6 positive concordance suggestive of left posterolateral VT or Preexcited tachycardia. But Preexcitation in baseline suggestive of Preexcited tachycardia.

• Maneuver done to exclude retrograde conduction of pathway.

• Atrial pacing suggestive of decremental antegrade pathway with Mahaim like properties.

• By transeptal route successful RF ablation done with loss of Preexcitation. Over 4 months of follow up no recurrence of pathway or tachycardia.