Fusion imaging-guided WATCHMAN implantation after failed surgical LAAC

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History and Physical:
Male, 77 years; persistent AF; history of mitral valve repair in 2013 with surgical LAA closure, no OAC since; persistent alcohol abuse, recurrent GI bleedings; chronic anemia, contraindication against warfarin / NOAK; CHA2DS2VASc: 3; HASBLED: 4; sent for TEE due to recurrent infections to rule out infective endocarditis

Imaging:
TEE shows LAA with incomplete closure of the ostium (gap: 7 x 11 mm) which was confirmed by CT; additionally, a second ostium/ fistula from the LAA to the LA is seen in CT (4 x 2mm)

Indication for Intervention:
incomplete surgical LAAC with persisting risk for stroke and ongoing contraindication regarding (N)OAC

Intervention:
transfemoral LAAC with 24mm WATCHMAN guided by fusion imaging (Siemens TrueFusion)

Learning points:
risk of incomplete surgical closure of the LAA has to be considered, advantage of fusion imaging guided procedures in complex situations