Post-traumatic symmetrical diastasis after sternal synthesis with nitinol clips

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A 53-year-old patient underwent a sternal resynthesis with nitinol clips for mechanical sternal dehiscence after a surgical myocardial revascularization. Six months after the operation, the patient had a direct frontal trauma at work, with a consequent dislocation of the clips and a wide symmetrical sternal diastasis (Fig. 1).

Figure 1: Three-dimensional computed tomography scan reconstruction of the sternum of the patient showing the broad symmetrical diastasis with the dislocation of the clips.