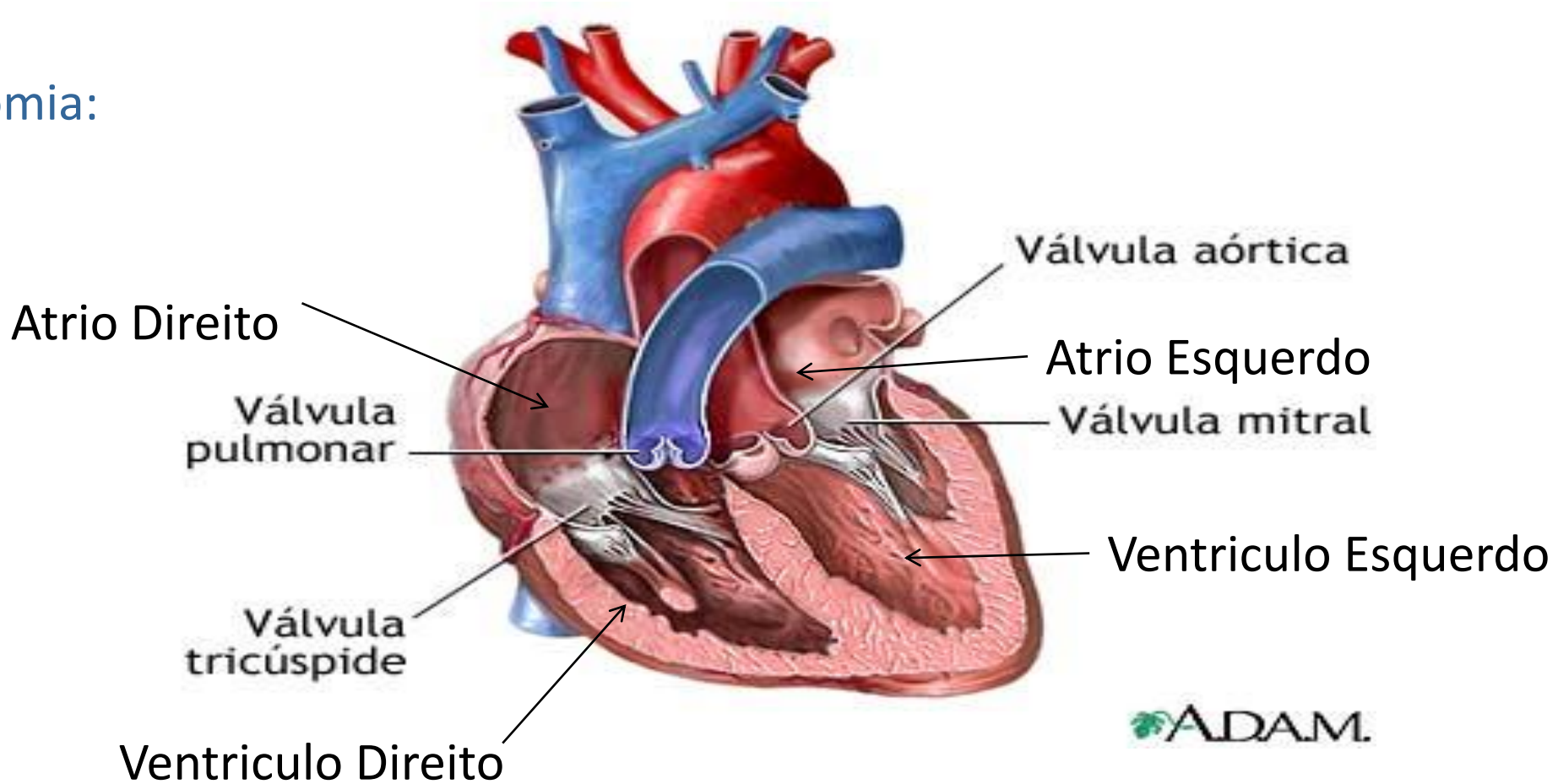




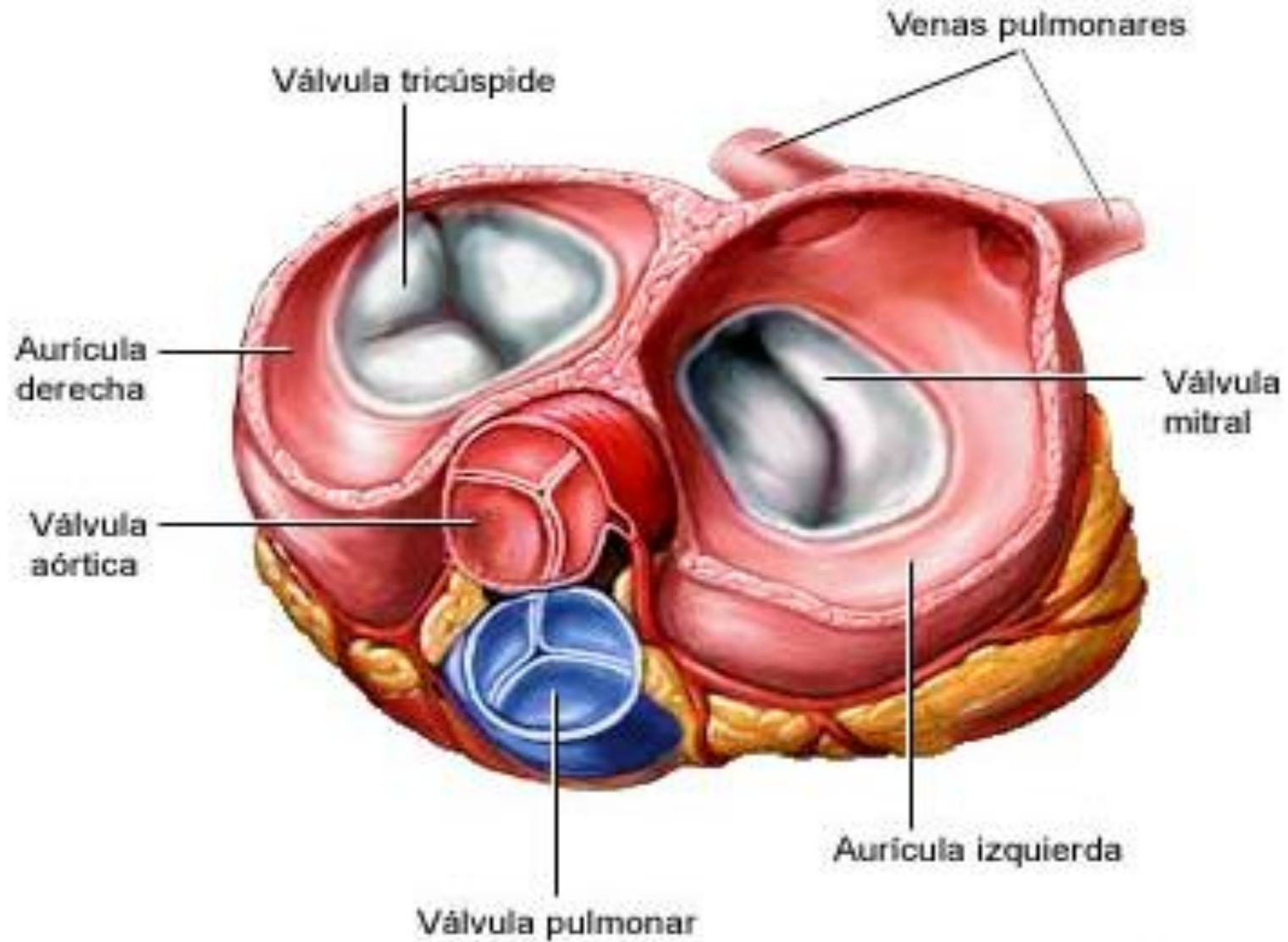
INSTAR

O CORAÇÃO

Anatomia:

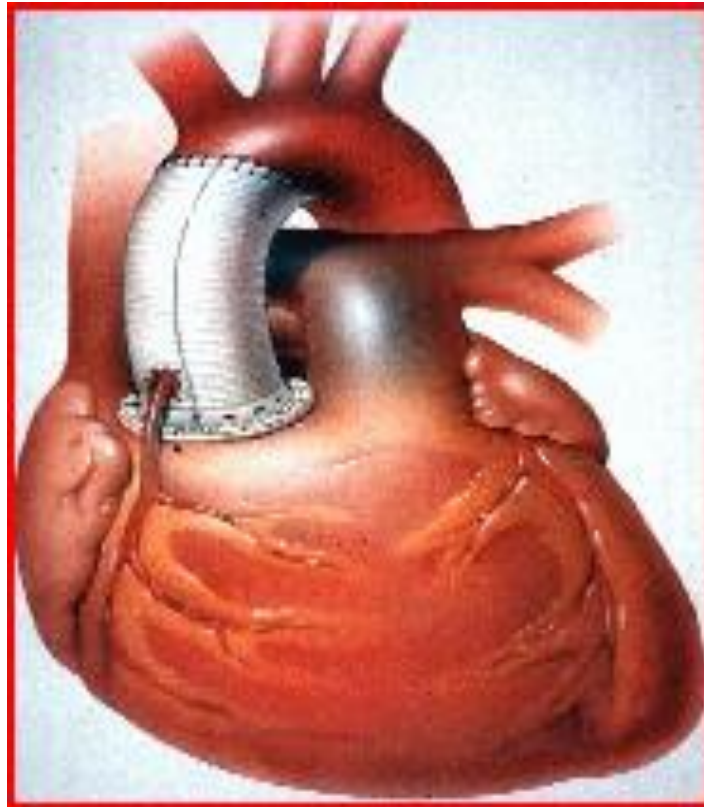


VÁLVULAS



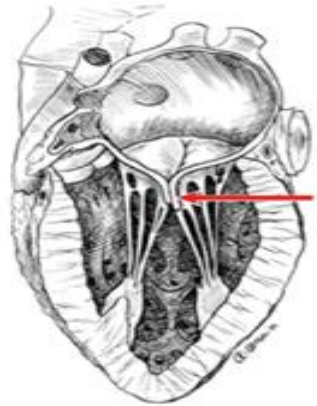
INSTAR

Substituição da Aorta Ascendente com reimplante dos óstios coronarianos (Cirurgia de Bentall e DeBono)



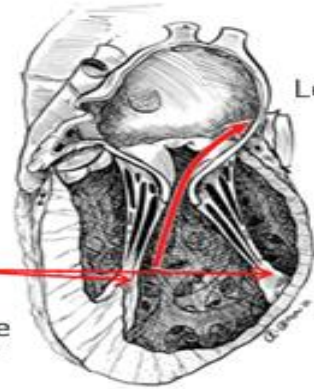
PLASTIA VALVAR

Normal Mitral Valve



No leakage

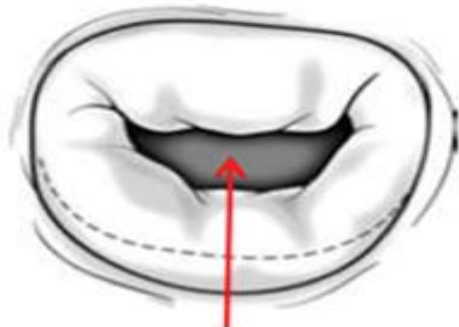
Functional Mitral Valve Regurgitation



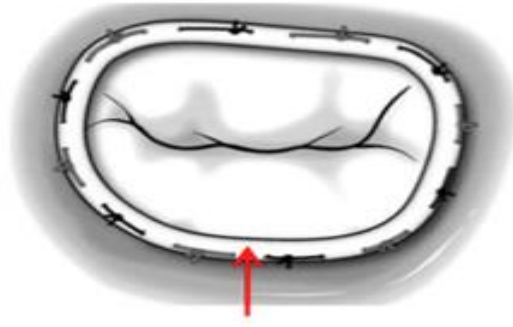
Leakage into atrium

Papillary muscles are displaced due to dilation of ventricle

Mitral Valve Before & After Annuloplasty



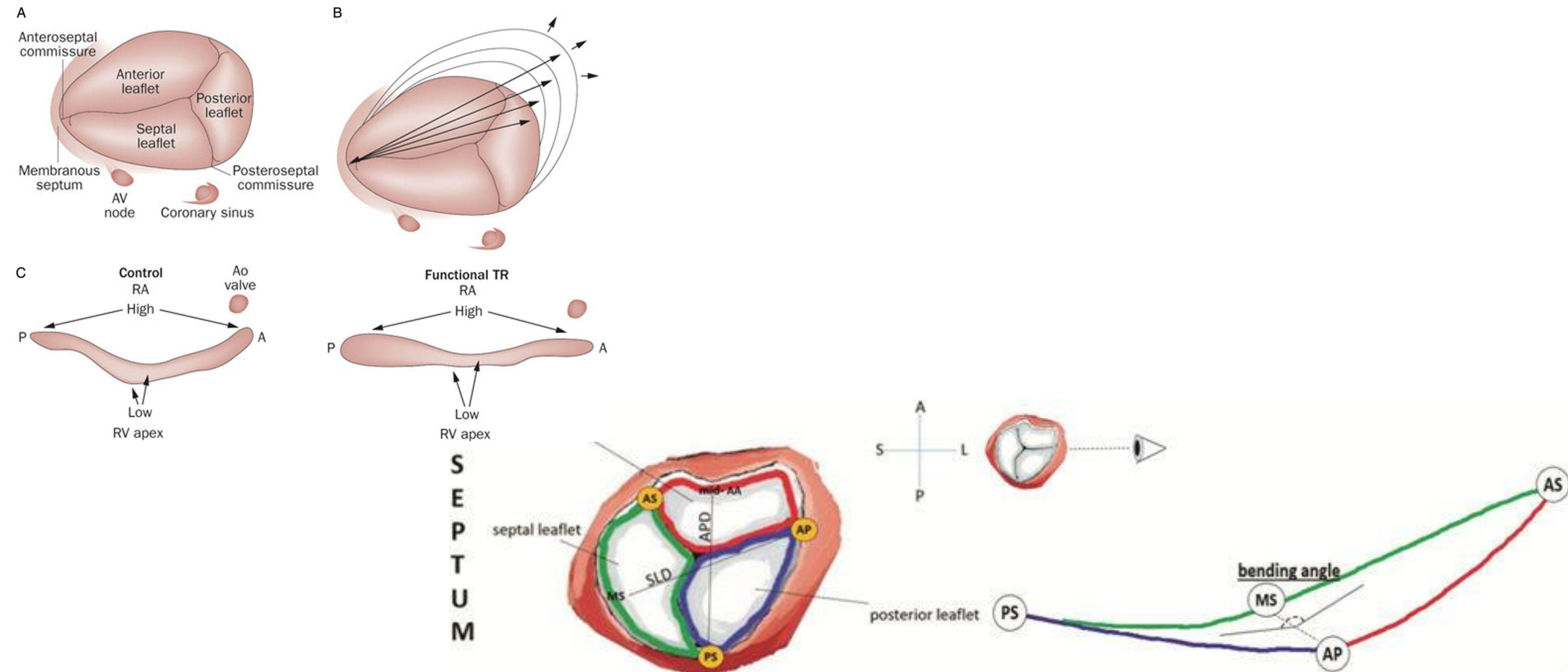
Valve leaflets not closing properly



Annuloplasty ring



PLASTIA VALVAR



CRESCIMENTO DO Nº DE PLASTIAS DAS VÁLVULAS

Table 2

Number of mitral valve and tricuspid valve procedures^a

Year	MV repairs ± CAB, <i>n</i>	TV surgeries, <i>n</i>
2000	4,853	1,786
2001	5,926	2,276
2002	7,776	3,256
2003	8,404	4,086
2004	8,287	4,466
2005	9,189	5,271
2006	9,930	5,965
2007	10,276	6,088
2008	11,203	6,684
2009	11,347	7,001

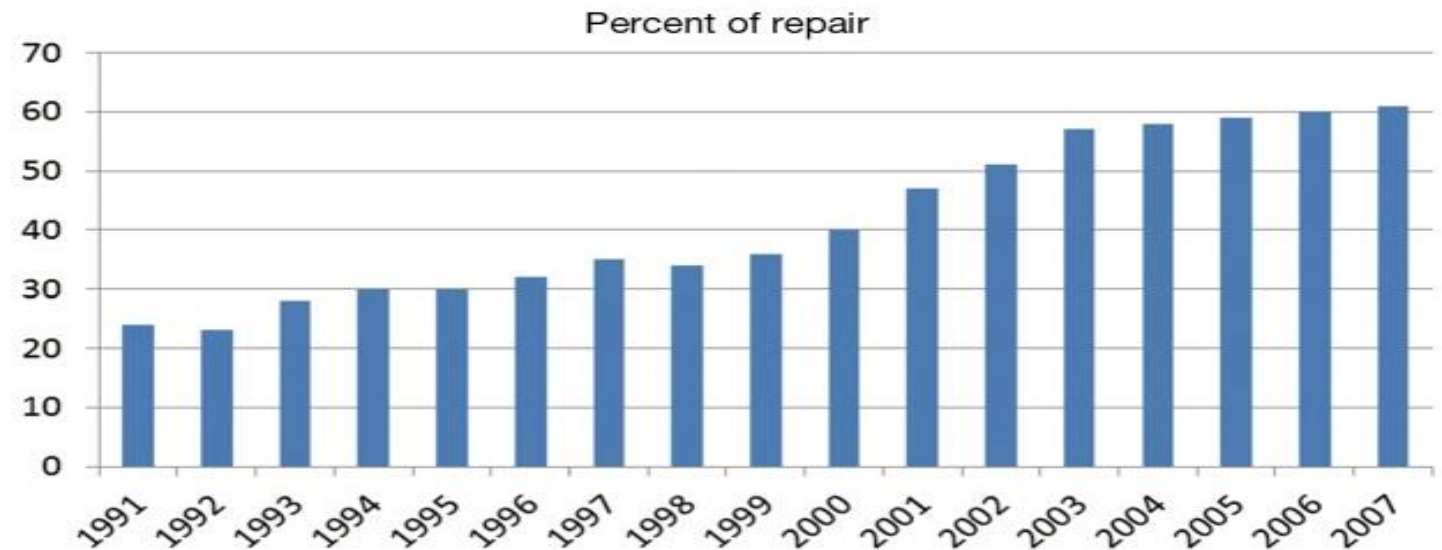
CAB coronary artery bypass; *MV* mitral valve; *TV* tricuspid valve

^aA recent report by the Society of Thoracic Surgeons Database showed a growing number of MV and TV surgeries from 2000-2009.

TV surgery procedures increased at a compound annual growth rate of 16.4%

[Curr Treat Options Cardiovasc Med. 2010 Dec; 12\(6\): 587–597.](#)

Figure 1



Mitral valve (MV) repair rates in the United States for primary MV intervention for 1990 to 2007 (1,2).

[Ann Cardiothorac Surg. 2015 Jul; 4\(4\): 322–334.](#)