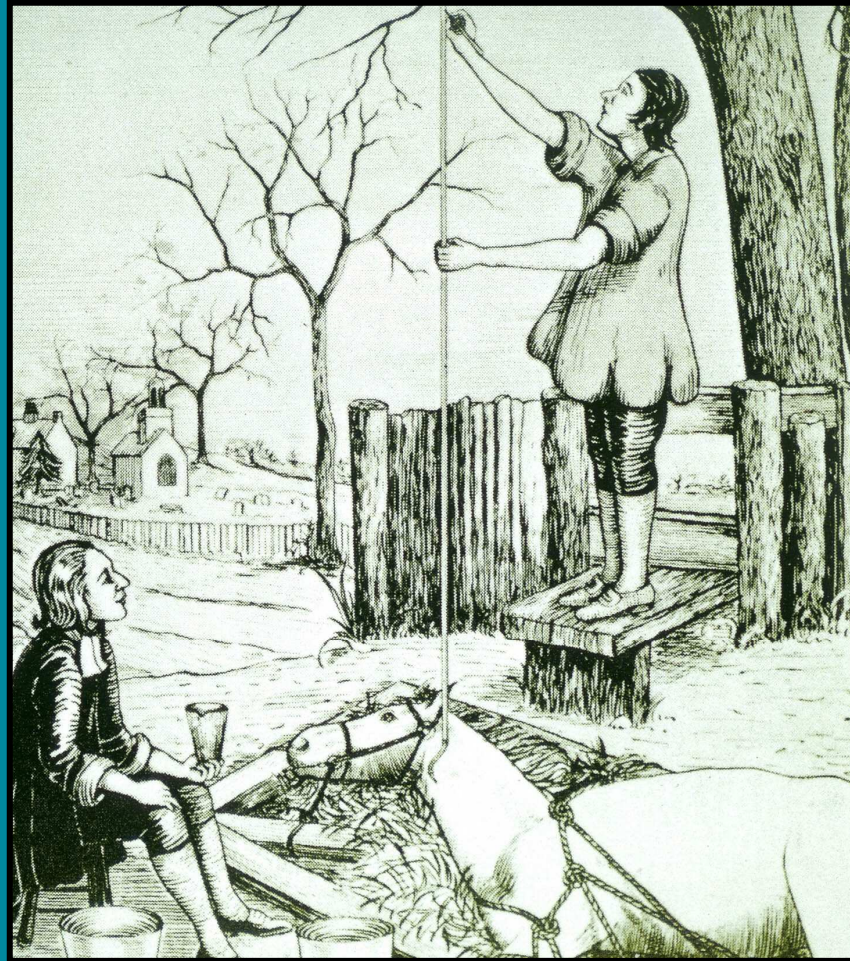


Section 1

The advent of cardiac catheterization: animal and experimental studies

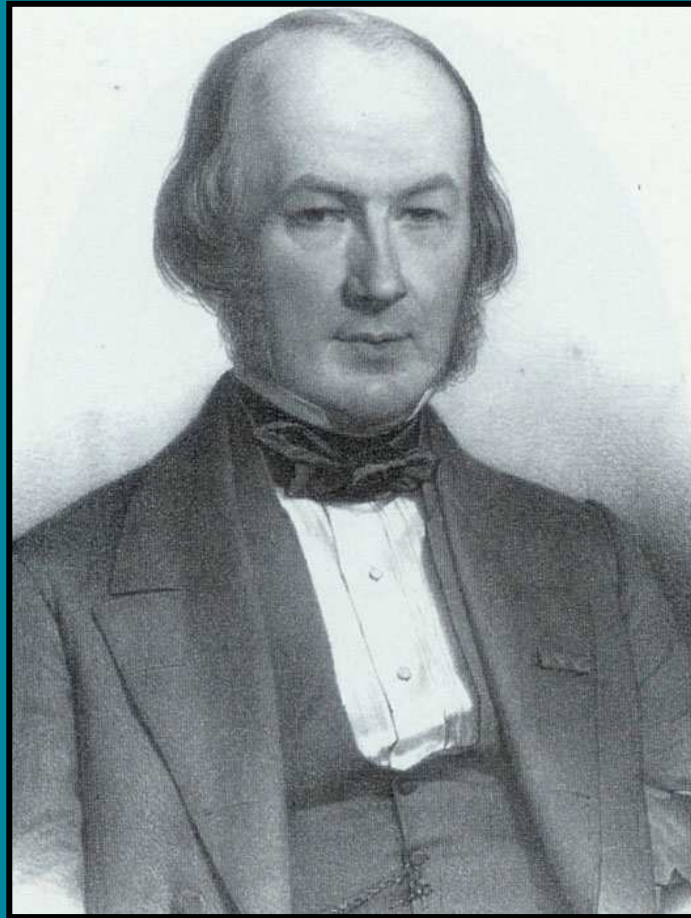
Michel E. Bertrand

The advent of cardiac catheterization



Stephen Hales measuring blood pressure in a mare

The advent of cardiac catheterization



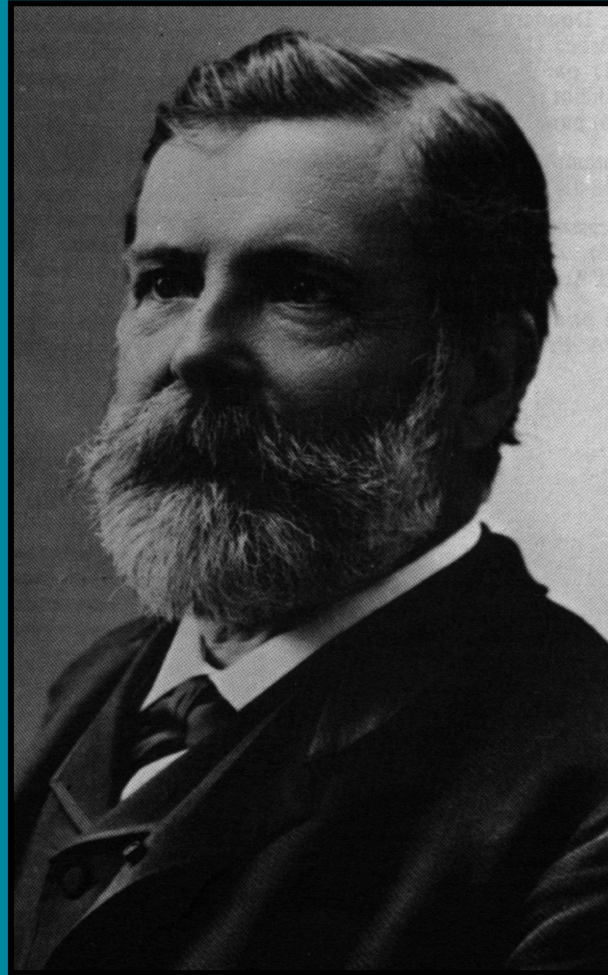
Claude Bernard (1813–1878)

The advent of cardiac catheterization



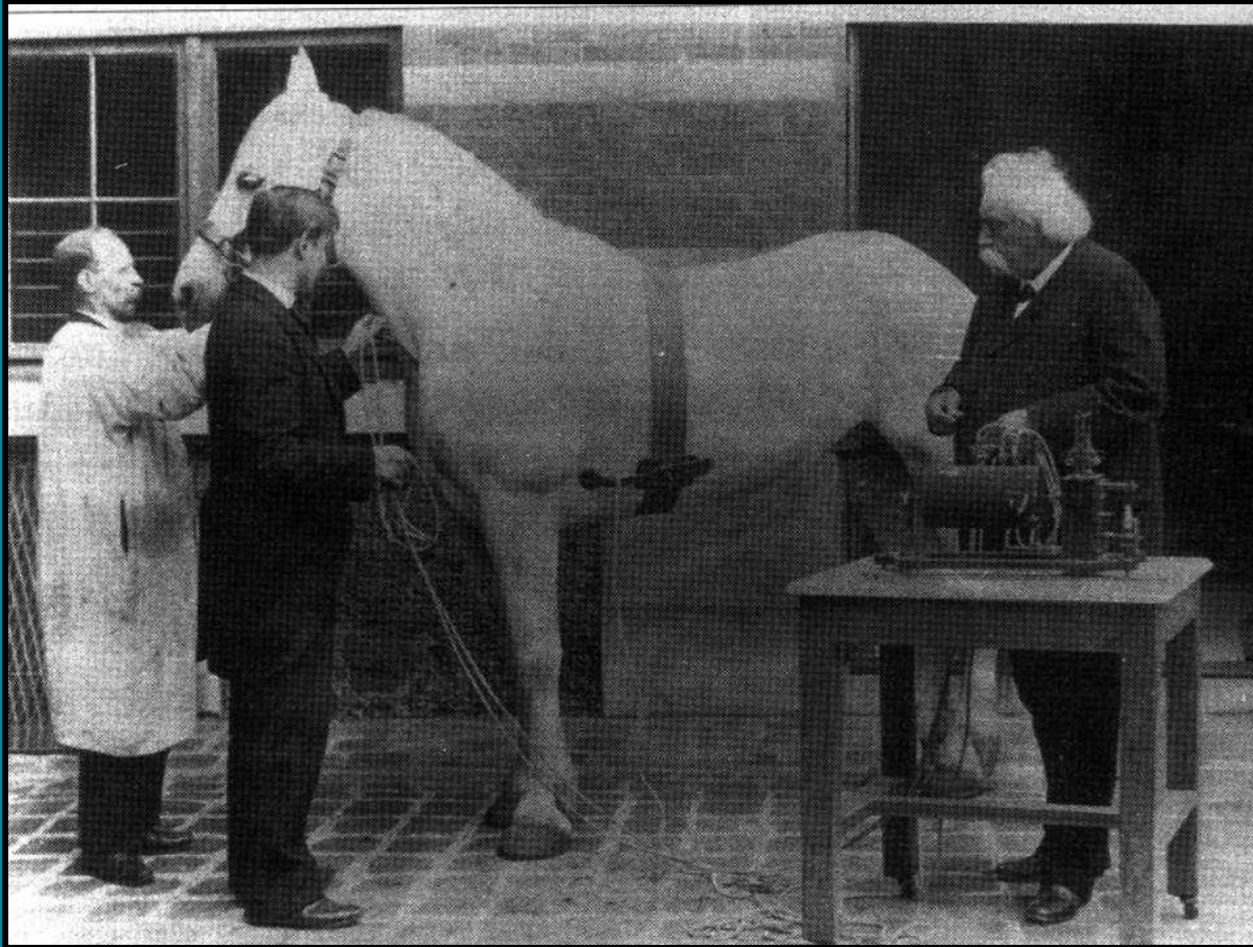
Auguste Chauveau (1827–1917)

The advent of cardiac catheterization



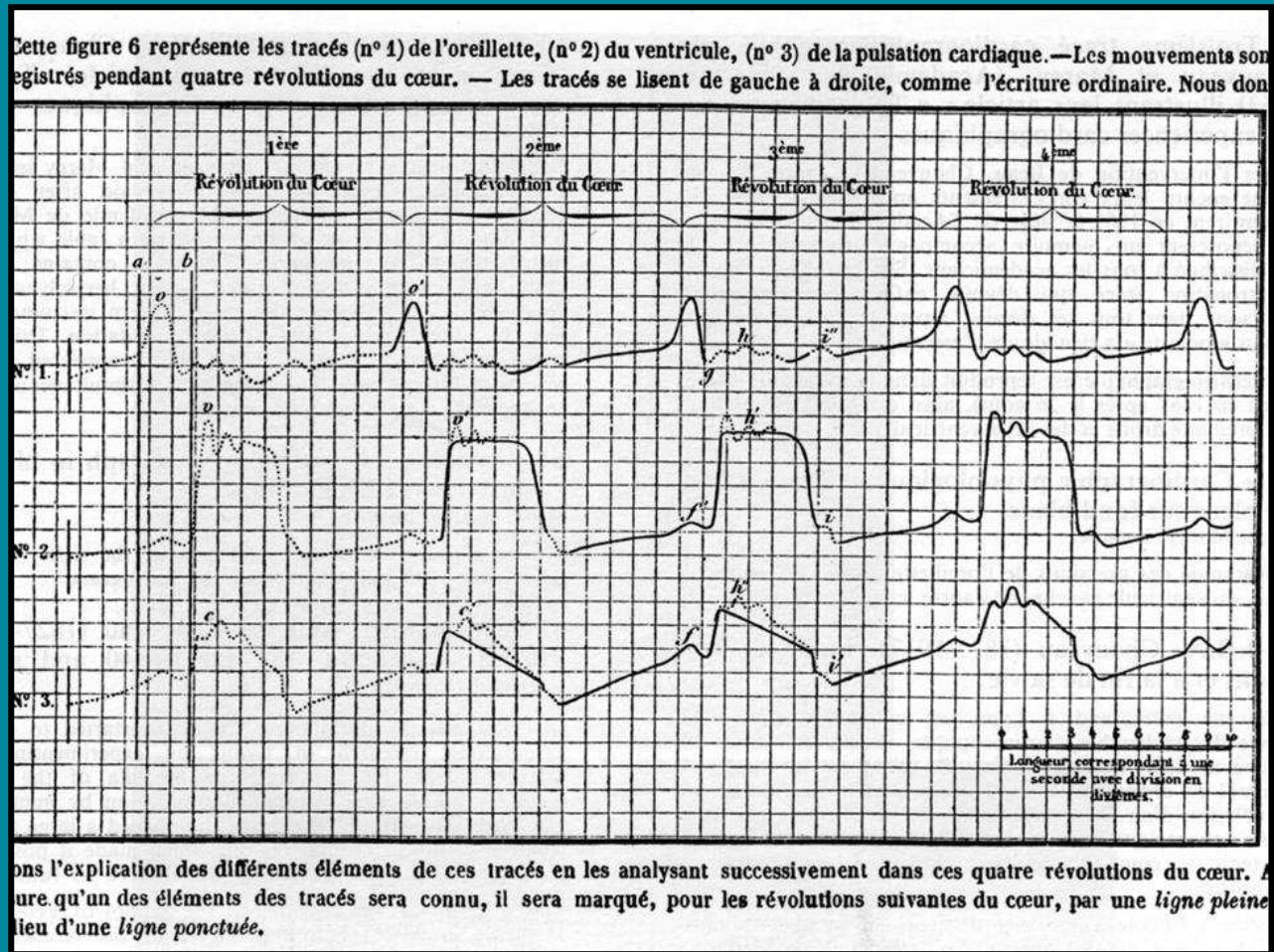
Etienne Jules Marey (1830–1904)

The advent of cardiac catheterization



First cardiac catheterization in a horse by Chauveau and Marey

The advent of cardiac catheterization



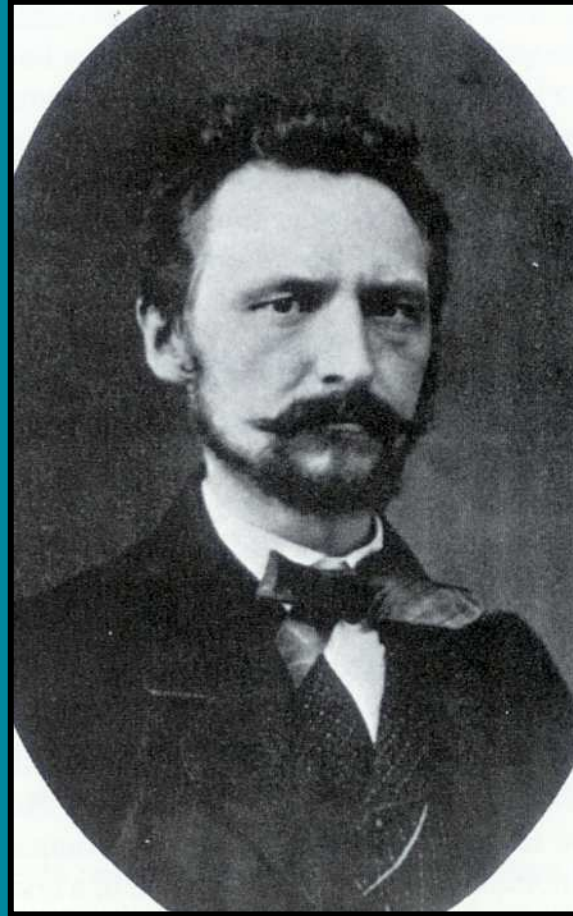
Curves recorded by Chauveau and Marey

The advent of cardiac catheterization



Catheter introduced by Chauveau and Marey into the left ventricle via the left carotid

The advent of cardiac catheterization



Adolph Fick (1829–1901)