**PREOPERATIVE CONSULTATION**

(D-45 to D-7)
- Patients' information
- Previous history
- Clinical tests
- Aortic CT with measurement of the aortic ring

(D-2 to D-1) **PREOPERATIVELY**
- Collect the patient’s consent
- Echography:
  - Measurement of the aortic-valve ring
  - Hemodynamic parameters
  - Measurement of preoperative transvalvular gradient

(D0) **SURGERY**
- Randomization of the bioprosthesis to be implanted
- Surgical measurement of the aortic ring

(D7 to D10) **END OF HOSPITALIZATION**
- Clinical tests
- Post-operative echography:
  - Hemodynamic parameters
  - Measurement of postoperative transvalvular gradient
- Record any complications
- Time hospitalized in the ICU
- Total time of postoperative stay
- Undesirable serious events

(6 months ± 15D) **POSTOPERATIVE VISIT**
- Clinical tests
- Postoperative echography:
  - Hemodynamic parameters
  - Measurement of postoperative transvalvular gradient
- Undesirable serious events