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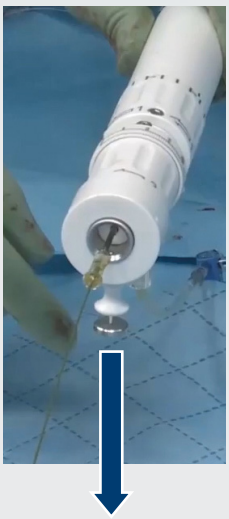
The ACURATE *neo2*™ ComAlign 4-step Guide

1



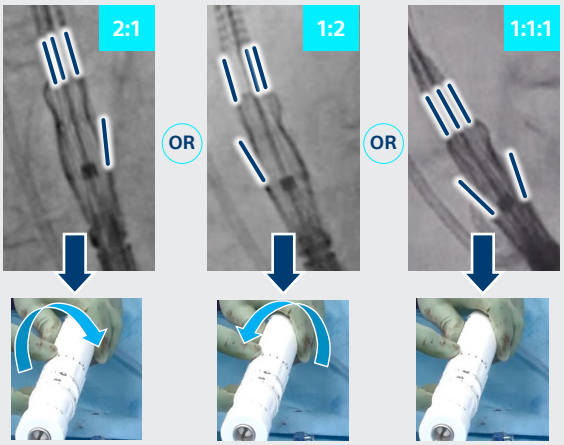
Down at
6 o'clock

Position handle with **safety button at 6 o'clock,** facing down

2

3 Cusp View

(ACURATE *neo2* marker at top of pigtail)



Rotate front part of the handle until two free cellsare symmetrical visible in 3 cusp view
Most cases alignment achieved between **0.5 and 1.5 handle rotations (180° to 540°)**

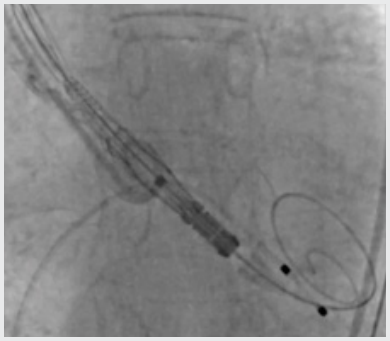
3

Cusp Overlap

In cusp overlap **one free cell** should be on the inner curvature
If incorrect – Rotate either CW or CCW and revert to step 2

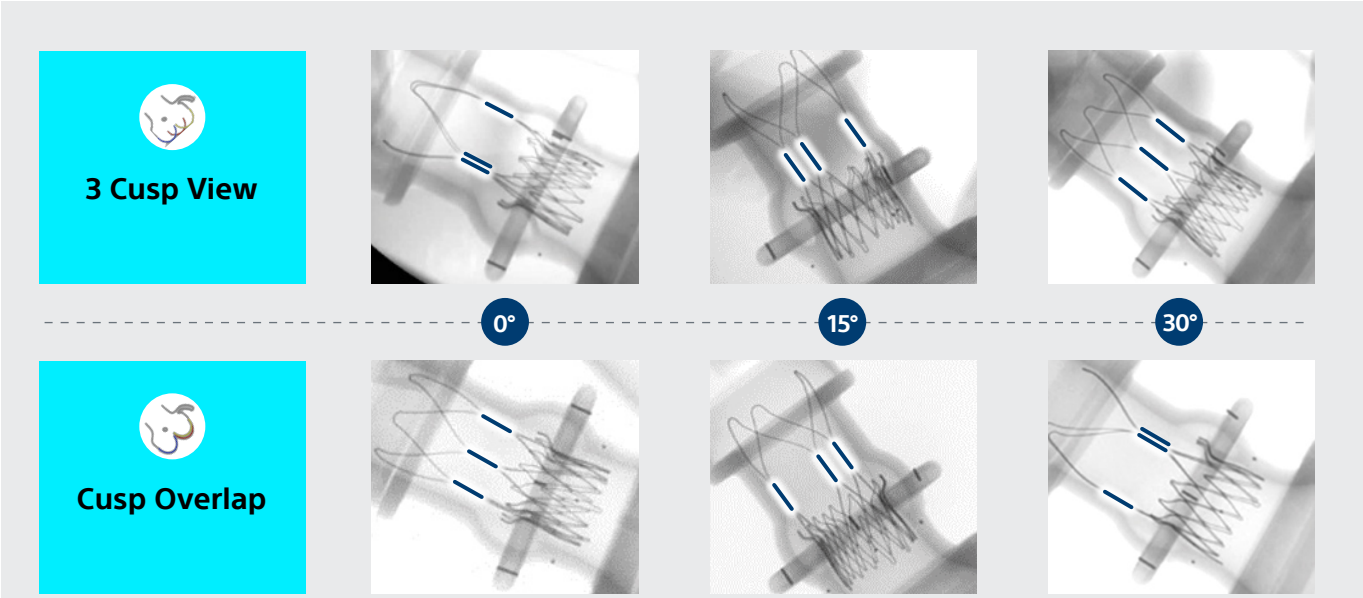
4

3 Cusp View



After alignment, allow handle to **rotate back slowly** in cradled hands
Proceed with ACURATE *neo2* implantation steps

Assessment & Reminders



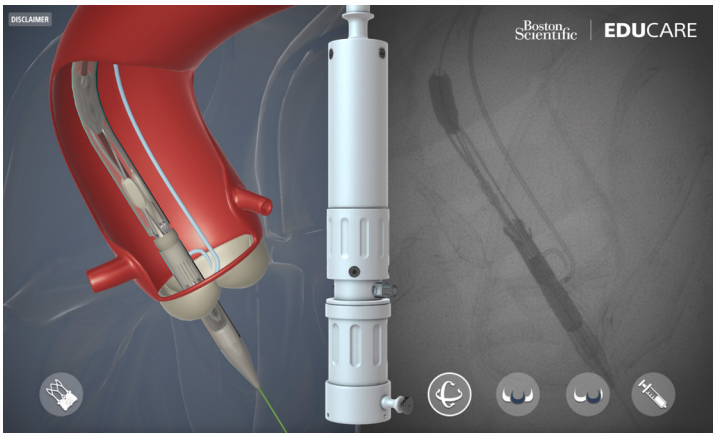
- Perform alignment with positioning marker at **top of pigtail**
- **Slowly** twist handle 180° before valve starts to rotate
  Most cases achieve alignment between 0.5 and 1.5 handle rotations (180° to 540°)
- Tortuosity increases torque required
- Care required on where you hold handle during torque to avoid accidental release
- Dissipating the torque is important to keep position once it is achieved
- **Deployment** should be done in a 3 cusp view as normal

Easy check of alignment using posts and both views

- 0°-15° Commissural alignment
- 15°-30° Mild commissural misalignment
- 30°-45° Moderate commissural misalignment
- 45°-60° Severe commissural misalignment

Immerse into a 3D commissural alignment experience

An advanced & realistic tool enabling you to experience & practice the commissural alignment technique with ACURATE *neo2*.



Try it now

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* De Backer O. Commissural alignment & TAV performance: Results from the COMALIGN-neo 2 study. TCT 2023

1. TVT Registry.
2. Faroux L, et al. ST-Segment Elevation Myocardial Infarction Following Transcatheter Aortic Valve Replacement. "https://www.jacc.org/journal/jacc" J Am Coll Cardiol. 2021 May, 77 (17) 2187 -2199.
3. Bieliauskas, G, De Backer, O, Søndergaard, L, et al. Patient-Specific Implantation Technique to Obtain Neo-Commissural Alignment with Self-Expanding Transcatheter Aortic Valves. J Am Coll Cardiol 2021.

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SH-1864404-AA