

NeoChord, Inc. v.  
University of Maryland, Baltimore  
IPR2016-00208

PETITIONER NEOCHORD'S  
DEMONSTRATIVES

Neochord v. University of Maryland, Baltimore  
IPR2016-00208  
Petitioner Neochord Exhibit 1016

# Outline of Argument

- Speziali is prior art to the '386 Patent.
- “Percutaneously accessing” encompasses procedures that utilize an incision in the skin.
- The Grounds based on Speziali should be maintained.
- The Grounds based on Lattouf I should be maintained.

# Speziali is Exclusively Licensed to Petitioner

- NeoChord is the exclusive licensee of Speziali
  - Petition, p. 20, n. 6.
- Claim 1 of Speziali PCT application as filed:

1. A method for repairing a heart valve, the steps comprising:
  - a) inserting an instrument through the subject's chest wall and into the chest cavity;
  - b) inserting the distal end of the instrument through a heart wall and entering a heart chamber;
  - c) grasping a leaflet on the heart valve with a movable device on the distal end of the instrument;
  - d) puncturing the leaflet with a needle disposed on the distal end of the instrument and drawing a suture through the puncture to connect the suture thereto;
  - e) anchoring the suture to another structure in the heart;
  - f) withdrawing the instrument from the heart chamber; and
  - g) withdrawing the instrument from the chest cavity.

- Ex. 1013, p. 11

# Speziali is prior art to the '386 Patent

This patent application claims the benefit of U.S. Provisional Patent Application No. 60/780,521, filed Mar. 7, 2006, the content of which is incorporated herein by reference in its entirety.

- '386 Patent priority claim (Ex. 1001, 1:7-10)

This application claims the benefit of International Patent Application Number PCT/US2006/001699 filed 19 Jan. 2006 and entitled "THORASCOPIE HEART VALVE REPAIR METHOD AND APPARATUS", which claims priority of U.S. Provisional Patent Application Ser. No. 60/645,677 filed 21 Jan. 2005 and entitled "THORASCOPIE HEART VALVE REPAIR METHOD AND APPARATUS", both of which are incorporated by reference herein.

- Speziali priority claim (Ex. 1006, 1:7-14)

## Speziali is a PCT Nat'l Stage Appl

- “An international application designating the United States **shall have** the effect, from its **international filing date** under article 11 of the treaty, of a national application for patent regularly filed in the Patent and Trademark Office.”
  - 35 U.S.C. § 363 cited at Reply, pp. 9-10.

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