WHAT IS CLAIMED IS:

1. A medical implant device configured to be implanted in a wall separating a coronary sinus from a left atrium of a heart, the medical implant device comprising:

one or more arm members configured to secure the medical implant device to the wall;

a sensor-retention structure, the sensor-retention structure comprising:

a sensor-support arm configured to have disposed thereon an at least partially cylindrical sensor device; and

one or more sensor-retention fingers projecting from the sensor-support arm and configured to provide a tension and/or enclosure fit to secure the sensor device.

2. The medical implant device of claim 1, wherein the one or more sensor-retention fingers are configured to be wrapped at least partially around a sensor device disposed on the sensor-support arm.

3. The medical implant device of claim 1 or 2, wherein at least one of the one or more sensor-retention fingers comprises a strap form and at least one sensor-retention finger of the one or more sensor-retention fingers comprises a buckle form that extends from an opposing side of the sensor-support arm such that the strap form can be inserted through a portion of the buckle form.

4. The medical implant device of any of claims 1–3, wherein at least one of the one or more sensor-retention fingers has an aperture therein dimensioned to allow for disposition of adhesive therein to secure the at least one of the one or more sensor-retention fingers to the sensor device.

5. The medical implant device of any of claims 1–4, wherein the one or more sensor-retention fingers are positioned in one or more sets of aligned opposing fingers.

6. The medical implant device of any of claims 1–5, wherein the one or more sensor-retention fingers project distally from the sensor-support arm.

7. The medical implant device of claim 6, wherein the one or more sensor-retention fingers include respective distal cross pieces.

8. The medical implant device of any of claims 1–7, wherein at least two of the one or more sensor-retention fingers are configured to be locked together at distal ends thereof.

9. The medical implant device of any of claims 1–8, further comprising a distal stopper associated with a distal end portion of the sensor-support arm.

10. The medical implant device of any of claims 1–9, further comprising an encasement form configured to be disposed at least partially over the sensor device when the sensor device is disposed on the sensor-support arm.

11. The medical implant device of claim 10, wherein the encasement form includes one or more cutouts configured to fit at least one of the one or more sensor-retention fingers.

12. The medical implant device of any of claims 1–11, wherein the one or more sensor-retention fingers are part of a removable partial ring form.

13. The medical implant device of any of claims 1–12, wherein the one or more sensor-retention fingers have associated therewith respective tabs that are configured to be projected radially inward.

14. The medical implant device of any of claims 1–13, wherein the sensor device comprises an antenna.

15. A monitoring system, including the medical implant device of any of claims 1–14, and an external reader configured to wirelessly communicate with the sensor device.