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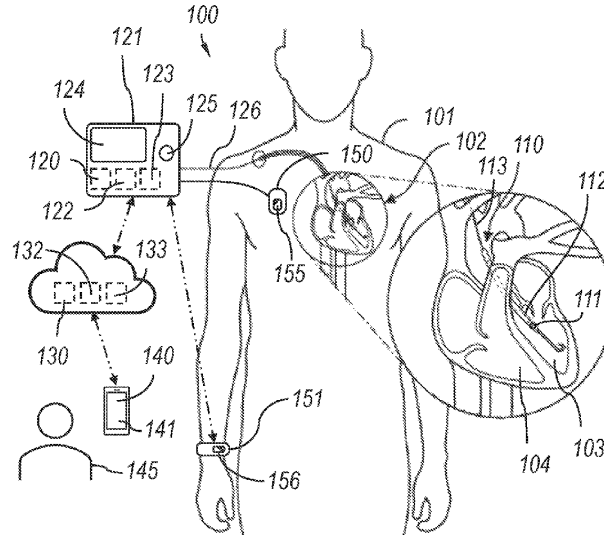


FIG. 1

(57) Abstract: Methods and systems are provided that utilize smart hemodynamic support devices positioned in one area of the body, in combination with machine learning to infer and/or detect conditions in other areas of the body operably connected via blood flow. The one trained machine learning (ML) algorithm, a first probably of a condition existing in a second area of the subject's body based on the received data, the second area being different from the first area.

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