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### Personalized Computational Modeling of Left Atrial Geometry and Transmural Myofiber Architecture

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**Highlights**

- A personalized computational modeling pipeline for the left atrium is presented.
- The geometrical models include the heterogeneous wall thickness of the left atrium.
- The complex atrial myofiber architecture is incorporated in the computational models.
- Presence of the myofiber architecture in electrophysiology simulations is important.
- Transmural myofiber variation has a negligible effect on the electrical activation.

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