

John Hancock Variable Insurance Trust
Supplement dated January 10, 2020 to the current
Prospectus (the “prospectus”), as may be supplemented

Managed Volatility Portfolios (the “funds”)

Effective January 10, 2020 (the Effective Date), Geoffrey Kelley, CFA and Jeffrey Wu are added as portfolio managers of the funds. Robert Sykes, CFA and Nathan Thooft, CFA will continue to serve as portfolio managers of the funds. Jeffrey N. Given, CFA and Luning “Gary” Li are no longer portfolio managers of the funds as of the Effective Date. Mr. Kelley, Mr. Sykes, Mr. Thooft, and Mr. Wu will be jointly and primarily responsible for the day-to-day management of the funds’ portfolios as of the Effective Date.

Accordingly, the following replaces in its entirety the portfolio manager information in the summary section of the prospectus for the funds under the heading “Portfolio management” effective as of the Effective Date:

Geoffrey Kelley, CFA Managing Director, Portfolio Manager of Asset Allocation Team Managed fund since 2020	Robert Sykes, CFA Managing Director, Portfolio Manager of Asset Allocation Team Managed fund since 2018	Nathan Thooft, CFA Senior Managing Director, Senior Portfolio Manager and Global Head of Asset Allocation Team Managed fund since 2013	Jeffrey Wu Director, Portfolio Manager and Senior Derivatives Analyst of Asset Allocation Team Managed fund since 2020
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In addition, the following information relating to Mr. Kelley and Mr. Wu replaces information for Mr. Given and Mr. Li in the portfolio manager information in “Management” under the Manulife Investment Management (US) LLC (Manulife IM (US)) portion of “Subadvisors and Portfolio Managers” as of the Effective Date:

- *Geoffrey Kelley, CFA.* Managing Director of Asset Allocation Team. Portfolio Manager of the fund since 2020; joined Manulife IM (US) in 2018; began business career in 1995.
- *Jeffrey Wu.* Director, Portfolio Manager and Senior Derivatives Analyst of Asset Allocation Team. Portfolio Manager of the fund since 2020; joined Manulife IM (US) in 2017; began business career in 2005.

You should read this supplement in conjunction with the prospectus and retain it for future reference.