

IHI OnDemand: Creating and Analyzing Control Charts

This program consists of 3 self-paced learning activities and one live session. The self-paced learning activities are to be completed outside of, and prior to attending the live session. Live session options are listed below. Self-paced learning activities are required and should take no longer than one hour to complete.

To receive credit for completing your IHI program and, if applicable, become eligible for continuing education credit, you must:

- Attend and participate in one live online session.
- Complete any required self-paced learning activities.
- Submit the post-program evaluation survey within 30 days of attending the live session.

Live-Online	Self-Paced
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Session	Session Topic	Live or Self-Paced
Module 1	Foundations of Control Charts • Explain the purpose of control charts and the role of variation in healthcare improvement • Differentiate between common cause and special cause variation using real-world examples • Identify and interpret the key components of a control chart, including the centreline, control limits, and data points	Self-Paced
Module 2	Selecting the Right Control Chart • Differentiate between continuous data and attribute data • Select the appropriate Shewhart chart (e.g., P, C, U, X-bar S, XmR)	Self-Paced

	Organize data to use Statistical Process Control (SPC) / control chart software to construct charts	
Module 3	Using Control Charts to Drive Action - Apply rules to identify special cause variation - Use charts to evaluate Quality Improvement (QI) interventions - Avoid common misinterpretations	Self-Paced
Live Call	Join an interactive live session to deepen your control chart skills through hands-on exercises and real-time discussion. Connect with fellow learners on strategies for engaging others in your organization and bring your own charts or data for personalized feedback and coaching.	Live

Live Call Options

To receive credit for completing your IHI program and, if applicable, become eligible for continuing education credit, participants must attend and participate in one live online session. Available session dates are listed below along with the Registration links.

Session	Date
Live Session Option: October 2026	October 19, 2026; 11:00am-12:00pm ET Register here: https://ihi-org.zoom.us/meeting/register/9ckbQvgjS5y3iAualhZ3mA

Live Session Option: November 2026	November 16, 2026; 11:00am-12:00pm ET Register here: https://ihi-org.zoom.us/meeting/register/9ckbQvgjS5y3iAualhZ3mA
Live Session Option: December 2026	December 21, 2026; 11:00am-12:00pm ET Register here: https://ihi-org.zoom.us/meeting/register/9ckbQvgjS5y3iAualhZ3mA
Live Session Option: January 2027	January 18, 2027; 11:00am-12:00pm ET Register here: https://ihi-org.zoom.us/meeting/register/9ckbQvgjS5y3iAualhZ3mA
Live Session Option: February 2027	February 15, 2027; 11:00am-12:00pm ET Register here: https://ihi-org.zoom.us/meeting/register/9ckbQvgjS5y3iAualhZ3mA