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# Supplemental information

## Development of a risk-predicting score

#### for hip preservation with bone grafting

### therapy for osteonecrosis

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#### **Supplementary Materials**

**Figure S1.** AUROCs for predicting accuracy of the THA risk and calibration plots for the risk-score model of predicting 5-, 10-, and 15-year THA risk at validation data, related to Figure 1. A.) AUROCs for predicting accuracy of THA risk B.) Calibration plots for the risk-score model for predicting THA risk.

**Figure S2.** Nam-D'Agostino test results of score indicating appropriate agreement between the observed and predicted THA in the test and validation data sets, related to *STAR Methods*. A.), B.): internal validation (N=589); C.), D.): Entire cohort (N=1179); each group contains 5 or more events.

**Figure S3.** The AUC values for predicting accuracy of THA risk at 5-, 10- year, and 15- year in population of sensitivity analysis, related to Figure 3.

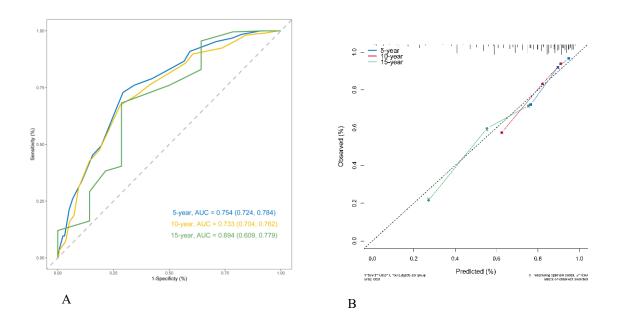


Figure S1.

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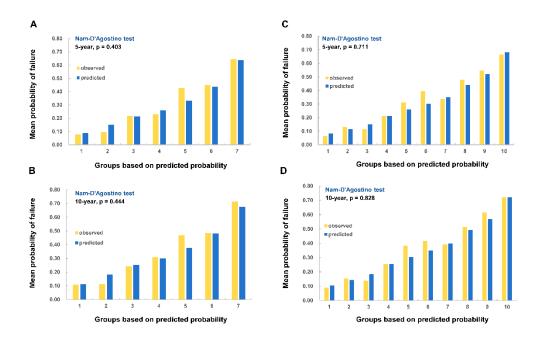


Figure S2.

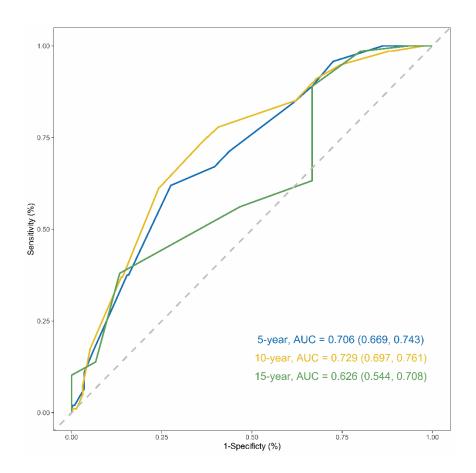


Figure S3.