



Validation of the Humpty Dumpty Falls Scale

- Validation studies completed using three years of data
 - Retrospective chart review of actual patient falls ($n= 164$) and a random selection of control subjects ($n= 517$)
 - Comparison of overall Humpty Dumpty Falls Risk Score and individualized scale items
 - National and International multi-site research studies which include other institutions using the Humpty Dumpty Falls Prevention Program, currently pending IRB approval.



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- **OR = 2.33**
 - Patients who score as “high risk” have greater than two times the risk of falling
- **Sensitivity = 79%**
 - Increased risk actually high risk
- **Specificity = 39%**
 - Limitations- implemented based on need and empirical evidence.
 - Difficult to obtain specificity due to the implementation of a falls risk protocol for low and high risk patients
- **Predictive Value Positive (PVP)= 29%**
 - Identified as high risk and actually fell
 - Implementation of the high risk protocol at the same time helps prevent fall events
- **Predictive Value Negative (PVN) =85%**
 - Those who did not fall who were low risk