

**Appendix Table A1.** List of Preoperative Variables Of Interest Used for the Correlation Analysis

Preoperative Variable	
Age	-
Sex	Male/Female
Workers Compensation	Yes/No
Running (Physical Activity)	Yes/No
Involved in Sports/Physical Exercise)	Yes/No
Level of Competition	None/Recreational/High school/Collegiate/Semi-Professional/Professional
Body Mass Index	-
Tobacco Smoker	None/Current/Past
History of Anxiety and/or Depression	Yes/No
Past Spine Surgery	Yes/No
History of Back Pain	Yes/No
Preoperative Duration of Hip Pain (in Months)	-
Preoperative Chronic Pain( $\geq 2$ years)	Yes/No
Preoperative Alpha Angle	-
Preoperative LCEA	-
Preoperative Tonnis Angle	-
Preoperative ACEA	-
Tonnis Grade	0/1
Preoperative HOS-ADL	-
Preoperative HOS-SS	-
Preoperative mHHS	-
Preoperative iHOT-12	-
Preoperative VAS Pain	-
Surgical Side	Left/Right
Type of Pain Onset	Insidious/Acute/Traumatic
Preoperative Use of Physical Therapy	Yes/No
Preoperative Use of Chiropractor	Yes/No
Preoperative Hip Injections	Yes/No
Preoperative Opioid Use	Yes/No
Preoperative Limp	Yes/No
Preoperative Hip Flexion	-
Preoperative Hip External Rotation	-
Preoperative Hip Internal Rotation	-
Articular Cartilage Status	Normal/Mild/Moderate/Poor
Chondromalacia Grade	None/Grade I/Grade II/ Grade III/ Grade IV
Femur Chondral Defects	None/ Grade I/ Grade II/ Grade III
Cartilage Delamination	Yes/No