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**How was Anemia Defined in Liu Article**

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I searched the entire article by Liu et al and found numerous (10) mentions of the term “acute blood loss anemia” as well as additional mentions of the term in the Appendix. Though there were discussions of “transfusion triggers” of postoperative Hgb levels utilized by other authors in a variety of reviewed papers, the authors’ use of the specific term Anemia, including in the title of their paper, is never clarified or defined. It would be enough to state that Anemia was defined here according to a specific, associated ICD-10 diagnostic code for acute blood loss anemia (D62) noted in the medical record or, when ICD-9 was still being used, 285.1 (for the earliest cases in 2015). I’d think it most appropriate to state this in the main body of the article but defining it in the Appendix would be acceptable as well, along with a discussion of the difficulty of defining it specifically due to the numerous differing thresholds for acute blood loss anemia utilized by the thousands of independent surgeons applying that potentially subjective diagnostic code in their own daily practice of total joint arthroplasty. If instead Anemia was defined simply based on a Hgb level of the authors’ choice we should know that as well.

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