

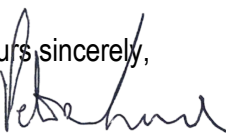
Mr John Quinlan
Consultant Orthopedic Surgeon
Tallaght Hospital
Dublin 24

Typed Date:07/08/2015
Dictated by: Peter Lavin

**Re: "Cost Benefit Analysis of the Use of Tranexamic Acid in Primary
Lower Limb Arthroplasty: A retrospective cohort study"**

Dear Mr Quinlan,

I have reviewed the above study. It is a well-designed retrospective audit and I am satisfied that with the measures in place regarding patient confidentiality and data protection and am happy to grant ethical approval for this study.

Yours sincerely,


Dr. Peter Lavin, MB, BCh, PhD, FRCPI
Consultant Nephrologist
Chairman, Joint Research Ethics Committee,
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