1. Give a 200-word summary of the paper (8)
2. Describe the difference between ‘intention to treat’ and ‘per protocol analysis’ (2)
3. List 4 strong points regarding the methodology of the trial (4)
4. What is meant by the term ‘mean? Give 2 other alternative measures of central tendency (2)
5. The Paediatric SHO asks if she can write a new protocol for the ED that states that all children with musculoskeletal injuries should be administered ibuprofen as first line analgesia. Define your answer in 5 points (5)
6. Define the terms ‘randomization’ and ‘blinding’ (4)
7. This trial reports ‘sub-group comparisons’ – what is the disadvantage of presenting this data? (1)
8. The results are presented with ‘confidence limits’. Define this term. (1)
9. List 3 ways in which you would improve this study if it were to be repeated (3)

Total marks available: 30