

BOC/BOS Advisory Opinion #1

**Recommend AAOS Endorsement of
AAHKS Position Statement On the Need for
Research On Pre- and Post-Operative Antibiotics**

Submitted by: Adolph Yates, MD (American Association of Hip and Knee Surgeons)

WHEREAS: The U.S. Centers for Disease Control and Prevention (CDC) has widely disseminated a draft proposal that recommends one dose of pre-op antibiotics before surgery (including prosthetic implants) without post-operative doses; and

WHEREAS: The literature used to justify this recommendation for prosthetic implants is limited and of low quality as agreed upon by the Evidence Based Medicine Committee of American Association of Hip and Knee Surgeons (AAHKS) with concordance from its Board; and

WHEREAS: The available literature is underpowered to reverse a standard of care with infection rates routinely lower than those in the cited literature used by the CDC; and

WHEREAS: Independent recent meta-analysis has described the same available literature to be of low quality and recommended further multicenter randomized control trials before endorsing such a recommendation; and

WHEREAS: The consequences of peri-prosthetic infections are so dire to patients that AAHKS is recommending similar multi-center prospective randomized trials before endorsing/recommending the new CDC guidelines; now, therefore, be it

RESOLVED: That the BOC and BOS recommend that the Board of Directors of the American Academy of Orthopaedic Surgeons endorse the AAHKS call for further research on pre-operative antibiotics before the widespread implementation and acceptance of the CDC one dose antibiotic prophylaxis recommendation in cases involving prosthetic implants, in particular total hip and knee replacements.