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Section: Sterility Testing Manual	Subject Title: Bone and Bone Bank Specimens – Fresh Osteochondral Allograft	
Issued by: LABORATORY MANAGER	Original Date: March 2, 2005	
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BONE and BONE BANK SPECIMENS - Fresh Osteochondral Allograft

I. Introduction

Fresh allograft bone specimens and swabs from Bone Bank are submitted for sterility check. These specimens are cultured for 7 days. However, these fresh allografts may be transplanted before the final report is issued.

II. Specimen Collection and Transport

Collect the specimen aseptically in sterile containers or transport it in its original container. Label the specimen with Last Name “BONE FRESH” and place a red dot sticker sheet inside the specimen bag. Bone Bank technologist will e-mail the Microbiology charge technologist to alert the Microbiology lab of the arrival of the specimen.

III. Processing of Specimens

Inoculate up to 1 mL of specimen into a Fastidious Anaerobic Broth. Place a **red dot** onto the cap of the broth.

Culture:

Media	Incubation
Fastidious Anaerobic Broth (THIO)	O ₂ , 35°C x 7 days

IV. Isolation and Identification

Read cultures twice daily at 8:00 am and 3:00 p.m. for 7 days. Additional readings will be required when a recipient is located AND 15 to 20 minutes prior to transplant in the OR. Document all readings in the LIS.

On turbid Fastidious Anaerobic Broths, prepare smear for Gram stain and sub-culture onto:

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Media

Incubation

Chocolate Agar (CHOC)	CO ₂ , 35°C x 48 hours (examine at 24 and 48 hours)
Brucella Agar (BRUC)	ANO ₂ , 35°C x 48 hours (examine at 48 hours)

Identify all isolates. **Freeze all isolates.**

V. Sensitivity Testing

Not required.

VI. Reporting

Preliminary Report:

Negative Report: “No growth to date, further report to follow” Status as preliminary (^P) after every reading.

Positive Report: Remove “no growth...” statement, report based on gram smear and any preliminary identification.
Telephone all positive reports to the Bone Bank.

Final Report:

Negative Report: "No Growth"

Positive Report: Report all isolates without quantitation.
Telephone all positive reports to the Bone Bank.

VII. Reference

American Association of Tissue Banking Standards