

# The Culture of Microbiology

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- 01:00 Introductions
- 02:48 The new microbiology training programme
- 03:58 The differences between adult and paediatric microbiology
- 05:46 How blood cultures work in the lab
  - BMS = Biomedical Scientist
- 08:43 The importance of clinical details on request forms
- 09:23 Why do we only send one blood culture bottle in paediatrics?
  - Patients who might need an anaerobic bottle – the immunosuppressed, on chemotherapy, suspected abdominal infection
- 11:00 How much blood?
- 13:20 Contaminants
- 16:40 Holding on to blood cultures
- 17:55 The delays from taking a blood culture to a lab processing it
- 20:10 Urine cultures – When should we send them?
- 24:40 The uselessness of bag urines
- 25:40 Is it worth sending urines in children who clearly have an upper respiratory tract infection?
- 26:35 The lab process for urine samples
- 30:10 The significance of a white cell count
- 32:40 The importance of following local guidelines