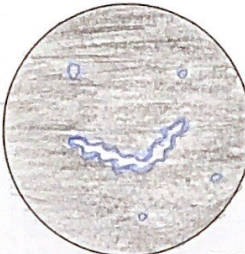
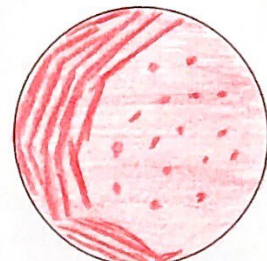
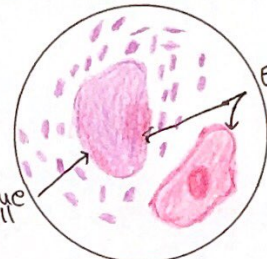
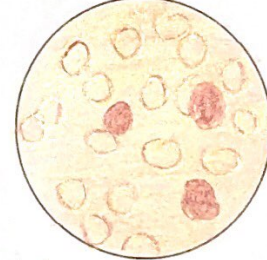


LAB ACT MIKROBIO RPS (4 Juni 2021)
 Nama : Ramadhani Safira G
 NIM : 1810211090
 Kel : C2

HASIL PENGAMATAN

No	Identifikasi	Gambar
1	<u>Treponema pallidum</u> ↳ Penyakit sifilis 1. Bentuk = Spiral halus 2. Susunan = tunggal 3. Ukuran = • Panjang = 5-15 μm • Lebar = 0,1-0,2 μm 4. Bergerak sangat aktif 5. Hanya dapat terlihat dgn mikroskopis medan gelap / teknik imunofluoresens	 Electron microscopy
2	6. Reaksi serologi : • Test Nontreponemal ↳ non-spesifik ↳ RPR (Rapid plasma reagin) • Test treponemal ↳ Deteksi Ab spesifik treponema dlm serum penderita ↳ TPHA (Treponema pallidum Haemagglutination) 7. Bagan alur tes serologis :	 mikroskopik medang gelap
3	RPR <pre> graph TD RPR --> Reaktif RPR --> NonReaktif[Non Reaktif] Reaktif --> TP_Rapid[TP Rapid] TP_Rapid --> Reaktif_RPR_Titer[Reaktif RPR Titer] Reaktif_RPR_Titer --> I2_4[I:2 / 1:4] I2_4 --> Lanjut_Dini[Lanjut Dini] Lanjut_Dini --> Eval_blnke[Eval. blnke] Eval_blnke --> Dini[Dini] Dini --> Panti_Paku[Panti Paku] Panti_Paku --> Sifilis[Sifilis] NonReaktif --> Ulangi_RPR_TP_Rapid[ulangi RPR TP Rapid 1-3 bln Kmd] Ulangi_RPR_TP_Rapid --> RPR_Pos[RPR (+)] RPR_Pos --> TP_Pos[TP R (+)] TP_Pos --> Dini Ulangi_RPR_TP_Rapid --> RPR_Neg[RPR (-)] RPR_Neg --> TP_Neg[TP R (-)] TP_Neg --> Bukan_Sifilis[Bukan Sifilis] Ulangi_RPR_TP_Rapid --> RPR_Neg2[RPR (-)] RPR_Neg2 --> TP_Neg2[TP R (-)] TP_Neg2 --> Bukan_Sifilis </pre> 3, 6, 9, 12, 18, 24	 metode Steiner silver stain

4	<u>Gardnerella vaginalis</u> ↳ Penyakit: Vaginitis non-spesifik • Koloni di agar darah diameter 0,3 - 0,5 mm (setelah 48 jam inkubasi) • Mengalami β hemolisis (Proses lisis sempurna)	 Makroskopik (agar darah)								
5	1. Bentuk: Kokobasil 2. Susunan: Tunggal 3. Warna: ungu / merah 4. Sifat: Gram-variable 5. Metode: Pewarnaan gram • non mohl, spora (-), anaerob fakultatif, pleomorfik	 clue cell Epithelial cells Mikroskopik								
6	<u>Chlamydia trachomatis</u> ↳ Penyakit: Infeksi genital non-spesifik, LGV 1. Merupakan bakteri obligat intraseluler 2. Berukuran 0,2 - 1 mikron 3. The chlamydial cell envelope consist of 2 lipid bilayers 4. Organisme yg akan diwarnai sehingga diagnosis dgn antibody	 Immuno-fluorescent staining of inclusion body Direct microscopy								
7	5. Isolasi di kultur sel seperti McCoy & Hela cells 6. Inkubasi 40 - 72 jam <table border="1"> <thead> <tr> <th>Serotype</th> <th>Disease</th> </tr> </thead> <tbody> <tr> <td>• C. trachomatis A, B, C</td> <td>• Trachoma</td> </tr> <tr> <td>• D, K</td> <td>• Cervicitis, endometritis, Epididymitis, Proctitis, Salpingitis, Non-gonococcal urethritis</td> </tr> <tr> <td>• L1, L2, L3</td> <td>• Lymphogranuloma venereum</td> </tr> </tbody> </table>	Serotype	Disease	• C. trachomatis A, B, C	• Trachoma	• D, K	• Cervicitis, endometritis, Epididymitis, Proctitis, Salpingitis, Non-gonococcal urethritis	• L1, L2, L3	• Lymphogranuloma venereum	 sel corelat merandakan <u>Chlamydia trachomatis</u> Media McCoy (Synovial carcinoma cell line)
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• D, K	• Cervicitis, endometritis, Epididymitis, Proctitis, Salpingitis, Non-gonococcal urethritis									
• L1, L2, L3	• Lymphogranuloma venereum									