Development of a Diagnostic **Cytology Laboratory**

Royal Devon University Healthcare

Tania White - Specialist Biomedical Scientist

This poster depicts the variety of work a biomedical scientist is involved in within a diagnostic cytology service.

- - 8 Clinics a week
 - **BMS Led**
 - 4 Clinic types
- Ad hoc clinics

- **Preparing samples**
- Stock control
- Managing workload
- Working autonomously

Sample Preparation

- UKAS accreditation
- IQA/EQA
- Audits clinical & workplace
- Competency
- New techniques
- **Portfolios**
- Personal audit
- **CPD**

Training

Quality

BMS

Screening & Reporting

ROSE Clinic

Leadership

- Role model for colleagues
- Communication
- Taking responsibility
- Growth of the department

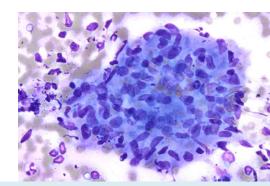
Health & Safety

- Risk assessments
- **COSHH**
- **Good Laboratory Practice**
- Pre-reporting
- **STATS**
- Wet Prep: PVSA & Crystals



Ancillary & Biomarker **Testing**

- Diagnostic/Prognostic
- In house Idylla
- IHC/ICC
- ThyroidPrint Trial
- **Gene fusion Trial**



We deliver a diagnostic service for the acute hospital setting and surrounding GP surgeries, attend ROSE clinics, provide a PVSA service to the South West and a joint fluid crystal analysis service. We take part in TEQA (within top 10), GENQA and ILC. We are heavily involved in quality management and health and safety. We run an in-house molecular platform and are involved in various trials including the recent ThyroidPrint trial. We take a keen interest in providing training opportunities for placement students and are encouraged to develop ourselves in all areas. In 2025 we were awarded the RCPath **Achievement Team Award.**

