

# DIN EN ISO 22610:2006-10 (E)

**Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment - Test method to determine the resistance to wet bacterial penetration (ISO 22610:2006)**

---

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| Foreword .....  | 2           |
| Introduction .....  | 4           |
| 1 Scope .....   | 5           |
| 2 Normative references .....  | 5           |
| 3 Terms and definitions .....   | 5           |
| 4 Principle .....   | 6           |
| 5 Reagents and materials .....  | 7           |
| 6 Apparatus .....   | 7           |
| 7 Preparation of test samples and pieces .....  | 7           |
| 7.1 Agar plates .....   | 7           |
| 7.2 Carrier material .....  | 8           |
| 7.3 Test specimen .....   | 8           |
| 8 Procedure .....   | 8           |
| 8.1 Preparation of donor .....  | 8           |
| 8.2 Conditioning .....  | 8           |
| 8.3 Test set-up .....   | 8           |
| 8.4 Application of materials .....  | 8           |
| 8.5 Test .....  | 9           |
| 9 Test report .....   | 9           |
| 10 Performance monitoring .....   | 10          |
| 10.1 General .....  | 10          |
| 10.2 With carbon paper .....  | 10          |
| 10.3 With reference material .....  | 10          |
| Annex A (normative) Apparatus for testing resistance to wet bacterial penetration .....   | 11          |
| Annex B (normative) Nutrient media .....  | 14          |
| Annex C (informative) Examples of how to use the test results to characterize a barrier material .....                            | 16          |
| Bibliography .....  | 18          |
| ANNEX ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 93/42/EEC ..... | 19          |