**INVESTIGATION OF SENSITISATION TO PENICILLIN G**

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| **Heading** | EXPERIMENTAL STUDIES |
| **Type of article** | Scentific article |
| **Annotation** | The dielectric permeability of citrate blood of patients with drug disease and practicallyhealthy donors in the presence of penicillin G was studied using microwave dielectrometry.Blood hydration was estimated using the parameter of the real part of the complexdielectric constant (ε′) in the free water dispersion region at the frequency (f = 37.7 GHz).In parallel, sensitization to penicillin G was detected by erythrocyte sedimentation rate(ESR) loaded with penicillin G, as well as by leukocyte agglomeration reaction (RAL). Wellcorrelated dielectric constant data on ESR (r≥0.92) and RAL – (r≥0.89) were obtained |
| **Tags** | sensitization, penicillin G, dielectric constant, erythrocyte sedimentation rate, leucocytes agglomeration reaction |
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