**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 practically  healthy 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 complex  dielectric 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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