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## F.I.P. '91 Abstracts

## Pharmacy World Congress '91

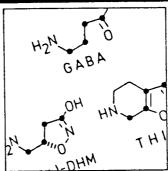
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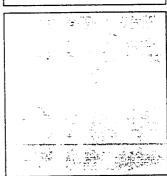


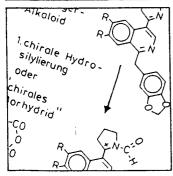






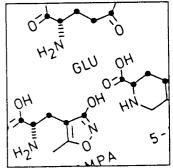




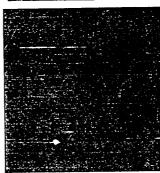














PHYSICOCHEMICAL BASIS FOR EVALUATION OF DISINFECTANT SOLUTIONS

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different disinfectants. It is hoped that this general approach will effectiveness toward Staphylococcus aureus and DACS index. The DACS chlorhexidine glukonate with cetrimide, antiseptic aqueous solutions ( boric acid, chlorohexidine gluconate, active transport of substance in the solution, the terms denoting the index, results in good correlation with the germicidal activity at living tissues were thiomersal, tosylchloramide sodium ) intended for the disinfection of eosine, hydrogen peroxide, phenylmercuric borate , povidone-iodine, concentration, electrical and osmotic gradient. In the case of the microorganisms. Both of these terms allow one to determine the surface tension terms short periods of exposure to disinfection solution, the fluidity separate contribution to the as a function of four characteristic terms which represent disinfectant activity coefficient of solution (DACS) was expressed tension , chemical properties and osmolality of the solutions. 65,1990,  $35 ext{-}41)$ , evaluation of disinfectants model is proposed. The coefficient of solution (DACS) (Panzova and Bogdanov, Int.J.Pharm. statistically adequate equation to express the dependence of various physicochemical properties of disinfection solutions on bactericidal The aim of this investigation was to develop further application in design of disinfection solutions. Properties and osmolality transport Using 0# compared previously developed are evidently important in the reaction with substance in activity due to fluidity , surface 1n regard the chloroxylenoi, to disinfectant applicable. solution, their microbicida clorofene, activity Thirteen the and For



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