

Enhancing Pharmacy Education/Research to Meet the Challenge of AI – a Therapeutics Grand Rounds Demonstration

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The objectives of this presentation are: 1) Review current treatment recommendations for a specific patient with paroxysmal atrial fibrillation (AF), and 2) Provide the rationale of a new treatment approach for this patient: use of sublingual propranolol. A case of a patient with AF will be presented. AF epidemiology, etiologies, risk factors, symptoms, morbidity and mortality, and goals of therapy will be reviewed. Treatment options for this patient will be reviewed, and the optimal treatment for ventricular rate control, conversion to sinus rhythm, maintenance of sinus rhythm, and anticoagulation will be discussed. The potential role for a new formulation of propranolol that allows sublingual administration will be discussed. The advantages and disadvantages of sublingual versus oral propranolol administration will be reviewed, and the potential benefits of sublingual propranolol administration for this specific patient will be discussed. Formulation attributes of this new formulation of propranolol will be reviewed.