



An evolving partnership model for rational drug development: applications to liver diseases

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Gastroenterology and Inborn Errors
Products

US FDA

Rare Diseases

Define Disease

Determine Target Population

Include criteria to define clinical trial population

Recognize Stakeholders

Initiate Collaboration

Identify Impeding Factors

Address gaps in knowledge

Assess Natural History

Collaborate Among Stakeholders

Survey available resources

Plan for longitudinal study

Standardize Data Entry

Use disease specific terminology

Describe Full Disease Spectrum

Distinguish disease subtypes

Identify patient subpopulations

Identify Assessment Tools

Develop Clinical Outcome Assessment (COA)

Develop patient/clinician/parent reported outcome measures

Select clinical endpoints

Evaluate Biomarkers

EoE

Define EoE

Unify Diagnostic Criteria

Use symptomatic and histological criteria

Invite All Stakeholders

Discuss overall plan

Identify Key Issues

Lack of well-defined and reliable COA

Assess EoE Natural History

FDA and Academia Collaboration

Pool multiple patient registries

Standardize Data Entry

Interpret data from different sources

Recognize EoE Subpopulation

Define differences between pediatric and adult patients

Identify EoE Assessment Tools

Address the Importance of EoE-Specific COAs

Raise questions on using general terms, such as dysphagia

Identify the need for different COAs for pediatric and adult patients

Evaluate Intraepithelial Mucosal Eosinophilia as a Biomarker



Reference



Adobe Acrobat
Document