Adding ORDR Rare Diseases Terms to MeSH Tree Structure

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Scientific Disease Coding Within NIH

- **NIH is developing the application of Knowledge Management (KM) tools for Research, Disease and Condition Coding**
  - Building on expert science knowledge of NIH to develop standard definitions of topic areas
  - Automate the disease reporting across the NIH
  - Standardize the budget reporting by disease and condition areas
  - Provide technological infrastructure for additional forms of portfolio analyses
  - ~350 Categories Including Orphan Drugs, AT ,OI, CF,CMT
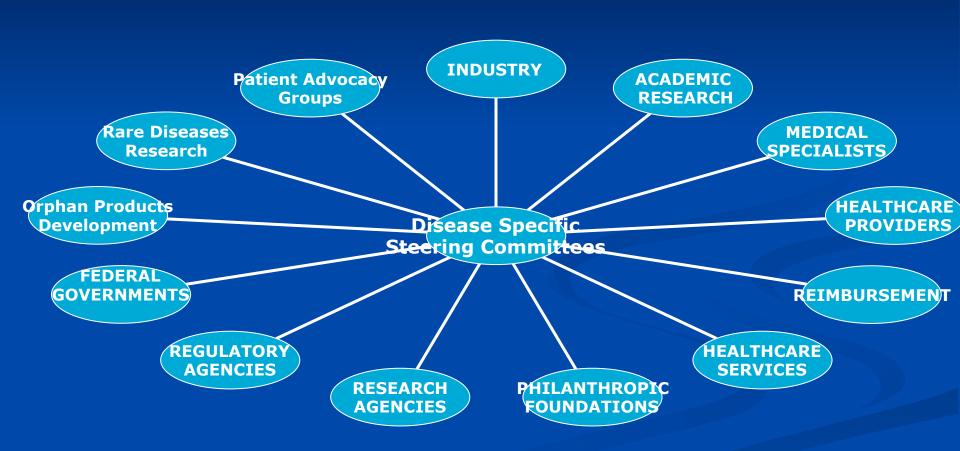 - http://report.nih.gov/rcdc/categories/

Expanding MeSH Tree with Rare Diseases Terms at the NLM/NIH

- **>6500 Rare Diseases Related Terms**
- **~ 2500 Disease Terms Present in MeSH Tree Structure as Main Headings or Entry Terms**
- **Supplemental Concept Records Class III Includes Terms Intended for Adoption into MeSH 2010**
- **Marked as In Progress>Provisional>Marked for Review>Authorized for Acceptance**
- **New Terms can be Main Headings or Entry Terms Based on Frequency in Literature**

Expanding MeSH Tree with Rare Diseases Terms at the NLM/NIH

- **Value of Expansion**
- **Enhance Information Retrieval - Pub Med Articles And Others Will Have Terms Added During Indexing**
- **Linked to International Language Equivalents**
- **Part of UMLS linked to terms in**
  - **OMIM**
  - **SNOMED**
  - **HUGO**
  - **Other Databases**

An Approach to Coordinated Efforts for Successful Orphan Products Development/Rare Diseases Research – Limiting the Risk

Moving Towards A Collaborative Global Approach