# A Scoping Literature Review of Care Management among Youth with Neurodevelopmental Disabilities

**John S. Palatucci, MPA Rutgers School of Public Health – PhD Candidate; Hannah Sawicki, MSW Rutgers School of Public Health – MPH Candidate; Yingting Zhang, MLS, AHIP Robert Wood Johnson Library of the Health Sciences; Thomas I. Mackie, PhD, MPH Rutgers School of Public Health**

## Introduction

**Motivation for Study**
- Youth with neurodevelopmental disabilities often have complex health needs
- This leads to high healthcare service utilization and complex networks of care

**What is Care Management?**
- Provider levels of analysis for youth with IDD?

**Research Question:**
What is the impact of care management on outcomes relating to access, quality, and cost across patient, family, and provider levels of analysis for youth with IDD?

## Objectives

- Analyze the literature on how care management affects access, quality, and cost for treatment with neurodevelopmental disabilities
- Determined with consultation on a “Scoping Review”

**What is a Scoping Review?**
- Ideal when body of literature has not been previously reviewed.
- Topics are large, complex, or heterogeneous nature
- Not amenable to a more precise systematic review

## Rationale for Scoping Review

- Find variety of types of evidence
- Clarify key concepts of a new area
- Examine how research is completed
- Identify key characteristics related to the area of study
- Preliminary to systematic review

## Methods

### 1. Selection – Apply Selection Criteria

- Team generated PRISMA compliant search procedure with RBHS librarian (YZ)
- YZ searched PubMed, PsychInfo, Web of Science, and Scopus through identified terms and stored result within EndNote for appraisal.

### 2. Appraisal – Review Identified Articles

- HS and JP used Rayyan Software to apply PICOTs framework to articles for inclusion or exclusion.

### 3. Synthesis – Assemble Extracted Data

- HS and JP read all identified articles and complete summary tables.
- HS and JP collaborate to ensure all important components are captured
- Team creates standardized tables to summarize and synthesize data.

## Preliminary Results

- Identified 8 of 1107 articles published since 2016 and address care management within the youth with IDD population.
- Methods included qualitative, quantitative, and mixed methods designs.
- Outcomes related to care management: best-practice, areas of opportunity, parental perspectives, and clinical outcomes when care management was applied

## Next Steps

- Complete appraisal process by reviewing all articles
- Extract data from relevant articles and complete tables
- Prepare manuscript for peer-review journal submission
- Share findings in presentation to IDD community, clinicians, researchers, and policymakers

## References


