Figure 5-2: Factors Affecting the Desirability of a CDS Objective

Clinical Objective Value Score* = (P+O+C+N+G)-(D+C)

P= Patient impact (individual/population) (positive, for example, higher quality, safe, cost-effective care; improved morbidity and mortality; improved patient satisfaction)

O= Organizational impact (positive, for example, regulatory or audit compliance [such as alignment with Meaningful Use requirements], appropriate resource use, support for internal improvement priorities, reduced liability, financial return)

C= Clinician impact (for example, enhanced workflow/compensation, support for consensus practice patterns and operations, improving care capabilities, projects of particular interest to clinicians)

N= Number of patients positively affected

G= Gap between ideal and actual behavior and outcomes pertinent to the objective

D= Difficulty associated with addressing the objective (for example, related to intervention configuration, adoption and use)

C= Cost of addressing the objective (such as from procuring and maintaining intervention content and technology)

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* Consider the strength of systematic evidence about the magnitude of the variable when practical.