



ESPEN Congress Glasgow 2002

Strategic Approaches to Managing Undernutrition

How can we demonstrate value for money

Andreas Frei

How can we demonstrate value for money

Strategic Approaches to Managing Undernutrition
24th ESPEN Congress Glasgow
September 2, 2002

Andreas Frei

Economic evaluation - outcomes

The economic challenge

- Soaring health care costs
- Cost containment measures
- Prospective payment systems
- Changes in incentives
- Case management
- Efficient allocation of scarce resources

Economic Evaluation

- Question
 - Are the gains of interventions a reasonable return for the resources invested?
 - Which interventions are best suited?
- Concept
 - Link costs and outcomes
 - Determine payoff of investing resources in an intervention
 - Impact decision making

Use of economic evaluation

- Reimbursement decisions
- Price negotiations
- Local formulary decisions
- Developing clinical practice guidelines
- Communications to prescribers

Core Elements

- Problem / evaluation objective
- Type of analysis
- Perspective
- Alternatives
- Costs
- Outcomes
- Time horizon
- Sound data
- Results and Interpretation

Splett PL. The Practitioner's Guide to Cost-Effectiveness Analysis of Nutrition Interventions. Arlington, Va: National Center for Education in Maternal and Child Health; 1996

Problem / evaluation objectives

- Research question
- Economic importance of research question
- Target population
- Type of intervention
- Expected effects, study hypotheses
- Primary audience for the results

Type of analysis

- Cost minimization analysis (CMA)
 - Compares costs only, assumes equal outcome
- Cost effectiveness analysis (CEA)
 - Cost per unit of outcome, assumes common outcomes
- Cost utility analysis (CUA)
 - Cost per utility-weighted (0-1) outcome
- Cost benefit analysis (CBA)
 - Cost and benefit in monetary units, net benefit

Costs

- Costs of the intervention
- Costs affected by the intervention
 - Added costs related to undesired events or complications
 - Cost savings related to reduced or avoided events or complications

Outcomes

- Result produced by the intervention
- Multiple outcomes possible
- Can include positive and negative consequences
- Identify one key outcome and use uniformly across all alternatives
 - Observable
 - Measurable
- Secondary outcomes: idem

No references provided by the author(s)