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## CONTENTS

### COMMENTARY

**1925** **Paying for Kidneys: Reflections on Welfare Economics, Political Economy, and Market Design**

Louis P. Garrison, Jr

*The author reflects on the economic implications of allowing some financial compensation to living donors of kidneys to patients with kidney failure.*

### COMPARATIVE-EFFECTIVENESS RESEARCH/HTA

**1929** **Disparities in Access to Radiation Therapy by Race and Ethnicity in the United States With Focus on American Indian/Alaska Native People**

Solmaz Amiri, Matthew D. Greer, Clemma J. Muller, Patrik Johansson, Anthippy Petras, Cole C. Allick, Sara M. London, Morgan C. Abbey, Lia M. Halasz, and Dedra S. Buchwald

*Patients with cancer in block groups with American Indian/Alaskan Native-majority populations, nonmetropolitan location, and low socioeconomic status experience disparities in access to radiation therapy.*

**1939** **The Use of Generic Patient-Reported Outcome Measures in Emergency Department Surveys: Discriminant Validity Evidence for the Veterans RAND 12-Item Health Survey and the EQ-5D**

Jae-Yung Kwon, Lena Cuthbertson, and Richard Sawatzky

*Veterans RAND 12-Item Health Survey is recommended for use in emergency departments to identify patient populations with mental or emotional health status and having a mental health condition.*

### ECONOMIC EVALUATION

**1947** **Another Step Toward Hepatitis C Elimination: An Economic Evaluation of an Irish National Birth Cohort Testing Program**

Paul G. Carty, Conor Teljeur, Cillian F. De Gascun, Paddy Gillespie, Patricia Harrington, Aiden McCormick, Michelle O'Neill, Susan M. Smith, and Mairin Ryan

*The authors conduct an economic evaluation of birth cohort testing to identify people in Ireland born between 1965 and 1985 with undiagnosed chronic hepatitis C.*



# Value in Health CONTENTS (continued)

## HEALTH POLICY ANALYSIS

- 1958** **Differences in Evidentiary Requirements Between European Medicines Agency and European Health Technology Assessment of Oncology Drugs—Can Alignment Be Enhanced?**  
Sharon Wolters, Frank G.A. Jansman, and Maarten J. Postma  
*Evidentiary requirements of oncology assessments differ between European Medicines Agency and health technology assessment bodies. Recommendations on potentially increased alignment to minimize and optimally manage these differences are suggested.*
- 1967** **A Comparison of 7 Oncology External Control Arm Case Studies: Critiques From Regulatory and Health Technology Assessment Agencies**  
Ashley Jaksa, Anthony Louder, Christina Maksymiuk, Gerard T. Vondeling, Laura Martin, Nicolle Gatto, Eric Richards, Antoine Yver, and Mats Rosenlund  
*This study discusses a comparison of regulatory and health technology assessment agencies' use and critiques of external control arms submitted for oncology product approval and reimbursement.*

## METHODOLOGY

- 1977** **An Epidemiology Model for Estimating the Numbers of US Patients With Multiple Myeloma by Line of Therapy and Treatment Exposure**  
Andreas Nikolaou, Cosmina Hoge, Yevgeniy Samyshkin, Eric M. Maiese, Leah Sansbury, Mustafa Oguz, Javier Cid-Ruzafa, Ritika Kapoor, and Feng Wang  
*This study discusses a novel compartmental model that estimates the number of patients with multiple myeloma by line of therapy and previous treatment exposure.*

## PATIENT-REPORTED OUTCOMES

- 1986** **Development of the Bleeding and Pelvic Discomfort Scale for Use in Women With Heavy Menstrual Bleeding Associated With Uterine Fibroids**  
Stacie Hudgens, Martha Gauthier, Elke Hunsche, Jennifer Kang, Yulan Li, Kayla Scippa, and Sawsan As-Sanie  
*A new bleeding and pelvic discomfort scale has been developed to assess the meaningful change threshold and response to treatment for patients with uterine fibroids.*
- 1995** **Natural Language Processing for Automated Classification of Qualitative Data From Interviews of Patients With Cancer**  
Chao Fang, Natasha Markuzon, Nikunj Patel, and Juan-David Rueda  
*This study demonstrates that natural language processing can be used for automated classification of patient interview text to extract symptom and quality of life information.*

### Mission Statement

As the official journal of ISPOR, Value in Health provides a forum for researchers, healthcare decision makers, and policy makers to apply health economics and outcomes research to healthcare decisions.

# Value in Health CONTENTS (continued)

**2003 Analyzing the Pain/Discomfort and Anxiety/Depression Composite Domains and the Meaning of Discomfort in the EQ-5D: A Mixed-Methods Study**

Fanni Rencz and Mathieu F. Janssen

*This study provides a comprehensive analysis of the use of EQ-5D composite domains and the meaning of discomfort.*

**2017 A Qualitative Investigation of Older Adults' Conceptualization of Quality of Life and a Think-Aloud Content Validation of the EQ-5D-5L, SF-12v2, Warwick Edinburgh Mental Well-Being Scale, and Office of National Statistics-4.**

Hannah Penton, Christopher Dayson, Claire Hulme, and Tracey Young

*The validity of scores obtained from patient-reported outcome measures depends on respondents' understanding of questions and the comprehensiveness and relevance of items.*

## POLICY PERSPECTIVE

**2028 Projecting the Economic Impact of Compensating Living Kidney Donors in the United States: Cost-Benefit Analysis Demonstrates Substantial Patient and Societal Gains**

Frank McCormick, Philip J. Held, Glenn M. Chertow, Thomas G. Peters, and John P. Roberts

*If the government compensates living kidney donors enough to completely end the kidney shortage, it could save >40,000 kidney failure patients from premature death each year.*

## PREFERENCE-BASED ASSESSMENTS

**2034 Deciding Between SF-6Dv2 Health States: A Think-Aloud Study of Decision-Making Strategies Used in Discrete Choice Experiments**

Lynne Broderick, Jakob B. Bjorner, Miranda Lauher-Charest, Michelle K. White, Mark Kosinski, Brendan Mulhern, and John Brazier

*Understanding how individuals make decisions during discrete choice experiments is key to ensuring they are completed and interpreted accurately.*

**2044 Preference Variation: Where Does Health Risk Attitude Come Into the Equation?**

Samare P.I. Huls, Jorien Veldwijk, Joffre D. Swait, Jennifer Viberg Johansson, Mirko Ancillotti, and Esther W. de Bekker-Grob

*This study aims to determine whether and how health risk attitude and heterogeneity of health preferences in discrete choice experiments are related.*



# Value in Health CONTENTS (continued)

## SYSTEMATIC LITERATURE REVIEW

- 2053 A Scoping Review of the Use of Machine Learning in Health Economics and Outcomes Research: Part 2—Data From Nonwearables**  
Woojung Lee, Naomi Schwartz, Aasthaa Bansal, Sara Khor, Noah Hammarlund, Anirban Basu, and Beth Devine  
*Although machine learning has been applied in health economics and outcomes research, the machine learning applications to predict economic outcomes, especially using claims databases, have been limited.*
- 2062 Economic Evaluation of Prenatal and Postpartum Care in Women With Gestational Diabetes and Hypertensive Disorders of Pregnancy: A Systematic Review**  
Weixin Li, Chi-Son Kim, Elizabeth A. Howell, Teresa Janevic, Bian Liu, Lizheng Shi, and Yan Li  
*A systematic review of economic evaluations of prenatal and postpartum interventions in women with gestational diabetes and hypertensive disorders of pregnancy was conducted.*

