

KEZIAH RUTH COOK
Vice President

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Dr. Cook uses economic theories, health care data, and statistical models to support health care policy decisions. She works on cost-effectiveness models, forecasting models, budget impact models, treatment comparisons, burden-of-illness analyses, chart reviews, literature reviews, global value dossiers, and commercial assessments in a range of therapeutic areas. Dr. Cook's areas of expertise include measuring the clinical quality of health care providers, evaluating the impacts of health care innovations on utilization and health outcomes, comparing the clinical and cost effectiveness of treatment alternatives, and developing economic models of health interventions to guide decision making. She has experience developing cost-effectiveness models, including for gene therapy in hemophilia A and for a novel cancer screening tool; conducting multiple claims analyses; and supporting US product launches. Prior to joining Analysis Group, Dr. Cook was a health care policy researcher at Acumen LLC, where she directed federal contracts with the Centers for Medicare & Medicaid Services (CMS) to implement components of the Affordable Care Act and support the Medicare program. She supported CMS rulemaking, authored reports to Congress, developed quality-of-care metrics, facilitated audits of Medicare Advantage plans, and assisted state Medicaid agencies, while gaining a deep understanding of Medicare and Medicaid eligibility requirements, benefit design, and reimbursement structure.

EDUCATION

- 2010 Ph.D., economics, Northwestern University
Dissertation: "Three Essays on Cost, Value, and Consequences of Health Insurance"
- 2004 A.B., mathematics (*magna cum laude*), Harvard University

PROFESSIONAL EXPERIENCE

- 2015–Present Analysis Group, Inc.
Vice President (2020–Present)
Manager (2018–2020)
Associate (2015–2017)
- 2010–2015 Acumen, LLC
Associate Policy Researcher (2012–2015)
Research Associate (2010–2012)
- Summer 2007 Congressional Budget Office
Summer Associate

SELECTED PUBLICATIONS

Cook, K., Adamski, K., Gomes, A., Tuttle, E., Kalden, H., Cochran, E., and Brown, R.J. “Effects of metreleptin on patient outcomes and quality of life in generalized and partial lipodystrophy” *Journal of the Endocrine Society*, 2021.

Croteau, S.E., Cook, K., Sheikh, L., Chawla, A., Sammon, J., Solari, P., Kim, B., Hinds, D., and Thornburg, C.D. “Health care resource utilization and costs among adult patients with hemophilia A on factor VIII prophylaxis: an administrative claims analysis” *Journal of Managed Care & Specialty Pharmacy*, 2021 27:3, 316-326.

Silvestry, S.C., Mahr, C., Slaughter, M.S., Levy, W.C., Cheng, R.K., May, D.M., Ismyrloglou, E., Tsintzos, S. I., Tuttle, E., Cook, K., Birk, E., Gomes, A., Graham, S., and Cotts, W.G. “Cost-Effectiveness of a Small Intrapericardial Centrifugal Left Ventricular Assist Device.” *ASAIO Journal*, 2020:66(8) 862-870.

Epperson, C.N., Huang, M., Cook, K., Gupta, D., Chawla, A., Greenberg, P.E., and Eldar-Lissai, A. “Healthcare resource utilization and costs associated with postpartum depression among commercially insured households.” *Current Medical Research and Opinion*, 2020: 36(10)1707-1716.

Cook, K., Forbes, S.P., Adamski, K., Ma, J.J., Chawla, A., and Garrison Jr, L.P. “Assessing the potential cost-effectiveness of a gene therapy for the treatment of hemophilia A.” *Journal of Medical Economics*, 2020:23(5)501-512.

Cook, K., Suresh, R., Lou, K.J., Kessler, J.P., and Fredericks, D. “Parkinson’s disease psychosis – patterns of care and treatment in the EU-5 from the neurologists’ perspective.” *European Neurological Review*, 2017;12:92–9.

Cook, K., Suresh, R., Lou, K.J., Kessler, J.P., and Fredericks, D. “Parkinson’s disease psychosis–prevalence patterns across EU-5.” *European Neurological Review*, 2017;12:87–91.

Brown, J., Cook, K., Adamski, K., Lau, J., Bargo, D., Breen, S., and Chawla, A. “Utility values associated with advanced or metastatic non-small cell lung cancer: data needs for economic modeling.” *Expert Review of Pharmacoeconomics & Outcomes Research*, 2017;17(2)153–164.

Cook, K., Dranove, D., and Sfekas, A. “Does major illness cause financial catastrophe?” *Health Services Research*, 2010:45(2)418–436.

SELECTED PRESENTATIONS

“Real-world experience of generalized and partial lipodystrophy patients enrolled in the metreleptin early access program” 21st European Congress of Endocrinology, Lyon, France, May 2019. Authors: Cook, K., Stears, A., Araujo-Vilar, D., Santini, F., O’Rahilly, S., Ceccarini, G., Tibrewala, S., Bradt, P., Vigouroux, C., Vazier, C., and Savage, D.B.

“Effect of Leptin Replacement Therapy on Survival and Disease Progression in Generalized and Partial Lipodystrophy” 2018 American Diabetes Association Meeting, Encore presentation 2018 European Association for the Study of Diabetes Meeting. Authors: Cook, K., Ali, O., Gupta, D., Holmqvist, D., Lee, D., Ng, C., Tuttle E., Bradt, P., Akinci, B., Brown, R. Foss-Freitas, MC., Montenegro Jr R., and Oral, E.A.

“Treatment of Parkinson’s disease psychosis—a systematic review of RCTs,” 2017 Movement Disorders Society Congress, Vancouver, BC. June 2017. Authors: Cook K., Nellesen D., Adamski K., and Shim A.

“Comparison of Systematic Literature Review Inclusion Criteria and the Impact on Evidence-Based Treatment Recommendations: A Parkinson's Disease Psychosis Case Study,” 2017 Academy of Managed Care Pharmacy NEXUS conference, Dallas, TX, October 2017. Authors: Cook K., Adamski K., Greenberg G., Nellesen D., and Chawla A.

“Estimated prevalence of postpartum depression among deliveries by women covered by US private payers,” ISPOR 22nd Annual International Meeting, Boston, MA, May, 2017. Authors: Cook K., Chawla A., Carls G. S., Epperson C. N., Chace M., and Bonthapally V.