

ALAN D. STEIN, M.D. Ph.D.

Digital Health / Healthcare Technology Executive

I am a physician scientist with medical, technical, and research training complemented by industry and senior management experience and a passionate entrepreneurial spirit. My perspective on technology from medical workflow, computer science, engineering, and critical business vantage points facilitates objective assessment and synthesis of creative solutions.

- Expertise in healthcare technology development and commercialization for global and domestic markets
 - Broad insight of medical device and software technology, architecture, and product design process
 - Seasoned healthcare technology speaker at diverse world-wide venues including Yonsei Grand Rounds in Seoul, TEDx in Dallas, SNOMED Expo in Bratislava, CES in Las Vegas, and HINZ in Auckland
 - Experienced in design control processes, clinical studies, client relationships, marketing, medical communications
 - Realistic project management perspective dynamically balances organizational needs, time, and resource constraints
 - Critical evaluation of value proposition, markets, competition, and opportunities to develop business strategy including resource allocation, product positioning, identifying strategic relationships, and strategy execution
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Experience

SVP, Healthcare Analytics – Tabula Rasa HealthCare, Moorestown, NJ 2018-present
Tabula Rasa HealthCare provides technology driven solutions for medication risk management. I oversee Comparative Effectiveness Research and advance analytics/data-science capabilities throughout the organization to leverage data and algorithms at the foundation of TRHC's approach to improving healthcare outcomes.

VP/WW Lead, Healthcare Analytics – Autonomy/HP/HPE/MicroFocus Software, Palo Alto, CA 2011-2017
I led development and go-to-market of HP Healthcare Analytics, a big-data platform incorporating both structured and unstructured data. This solution helps healthcare systems improve clinical pathways and care delivery. My subject matter expertise connected medical, technical, and business communities both internally and externally to enable successful enterprise deployments with from conception through training and use by both clinical and administrative users.

Chief Medical and Technology Officer – Zargis Medical Corp., Princeton, NJ 2008-2011
I guided Zargis' research, development, and business efforts of digital stethoscopy medical devices. This led to successful commercialization of telemedicine and clinical decision support software and worldwide sales through partner 3M/Littmann. The solution received numerous awards for their innovative design and function.

Selected Publications, Conferences, and Talks

Banks, Jin, Finnel, Michaud, Knowlton, Turgeon, and **Stein**. Association of a Novel Medication Risk Score with Adverse Drug Events and Other Pertinent Outcomes Among Participants of the Programs of All-Inclusive Care for the Elderly. *Pharmacy*. 8(2):87. May 2020.

Stein. Using Data-Science to Mitigate Medication Risk. *Expo.Health* (presentation). (Boston., US) 1 August 2019.

Stein. Medicine, Healthcare, Big-data, and Eudaimonia. *PennHealthX* (presentation). (Phila., US) 26 Mar 2019.

Stein. Economic, Clinical, and Humanistic Outcomes in Research: Comparative Effectiveness Research, Observational Studies, and Medication Risk Mitigation. *TRHCU* (presentation). (Moorestown., US) 12 Mar 2019.

Hurrell, **Stein**, MacDonald. Use of Natural Language Processing to Identify Significant Abnormalities for Follow-up in a Large Accumulation of Non-delivered Radiology Reports. *J Health Med Informat*. Vol. 8, iss. 6. 2017.

Stein, Hurrell, Kalbag, O'Dea. Experiences with an enterprise-wide SNOMED CT based self-service analytics solution. *SNOMED CT Expo* (presentation). (Bratislava, SK) 20 Oct 2017.

Stein, Palma, Hurrell, Kalbag. Development and clinical experience with an ontology based self-service analytics solution. *Health Informatics New Zealand* (presentation). (Auckland, NZ) 1 Nov 2016.

Stein, Hurrell. The use of an Ontology Based Healthcare Analytics Platform. *Health Informatics New Zealand* (Auckland, NZ). 1 Nov 2016.

Stein, Palma, Hurrell, Kalbag. Development and clinical experience with a SNOMED CT based self-service analytics solution. *SNOMED CT Expo* (presentation). (Wellington, NZ) 28 Oct 2016.
