

1. Record Nr.	UNINA9910495212803321
Autore	Turner Dana P.
Titolo	Assessing headache triggers : a practical guide for applied research and clinical management // Dana P. Turner
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] 2021
ISBN	3-030-81949-3
Descrizione fisica	1 online resource (95 pages)
Disciplina	616.8491
Soggetti	Headache Cefalàlgia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- Part I: Overview and Introduction -- 1: Brief Introduction to Primary Headaches and Overview of the Book -- Overview of Headache -- Primary Headaches -- Migraine -- Tension-Type Headache -- Cluster Headache -- Measurement Context -- Triggers Versus Prodromal Factors -- Definitions Used in the Book -- Overview of the Book -- References -- 2: Introduction to Triggers and Causes -- Definition of Triggers -- Triggers as an Exposure to a Variable -- Causality and Triggers -- Current State of the Field -- References -- Part II: Elements of Headache Triggers -- 3: Existing Schools of Thought on Triggers -- Theory as the Context of Measurement -- Paths to Considering Headache Triggers -- Historical Views -- Psychodynamic Views -- Harold Wolff and the Modern Era -- Biopsychosocial Views -- Atheoretical Views -- Hormonal Views -- Oxidative Stress Theory -- Parasympathetic Pathways -- Surprisal -- Summary: Headache Trigger Theories and Implications for Measurement -- References -- 4: Trigger Beliefs and Perceptions -- Why Are Headache Trigger Beliefs Important? -- State of Trigger Belief Assessment -- Functions of Trigger Beliefs and Perceptions -- Research on Beliefs and Perceptions -- Laboratory Assessment -- Diagramming Triggers -- Learning About Triggers -- Headache Trigger Beliefs as a Target of Measurement -- References --

Part III: Assessment of Headache Triggers -- 5: Measurement of Triggers -- Introduction to Measurement in Headache -- Measurement Theory -- Classical Test Theory -- Reliability -- Test-Retest Reliability -- Internal Consistency -- Inter-Rater Reliability -- Validity -- Traditional Views -- Content -- Criterion -- Construct -- Modern Views -- Advanced Measurement Topics -- Item Response Theory -- Information Theory -- Consequences of Poor Measurement -- Unknown Reliability and Validity. Poor Reliability -- Two Unreliably Measured Variables -- Headache Trigger Measurement Summary -- References -- 6: Study Design and Measurement Methods for Data Collection -- Introduction to Types of Designs and Methods -- Observational Designs -- Cross-Sectional Designs -- Longitudinal or Repeated Measures -- Within-Person or N-of-1 Studies -- Case-Control -- Cohort -- Experimental Designs -- Preexperimental -- True Experimental -- Quasi-experimental -- Strategies for Successful Application of Study Designs and Methods -- Use the Design as Intended -- Keep Conclusions Appropriate for the Design -- Consider the Consequences of Unmeasured Confounders -- Consider the Consequences of Nonrandom Selection -- Address Missing Data and Biased Data Selection -- Consider the Consequences of Weak Internal Validity in Experimental Designs -- Consider the Consequences of Weak External Validity in Experimental Designs -- Avoid Biases -- Summary -- References -- 7: Statistical Aspects of Trigger Assessment -- Introduction to Statistics in Trigger Assessment -- Covariance Assessment -- Time Series Analysis -- Linear Mixed Effects Models -- Missing Data -- Measurement Error Model -- Concluding Remarks -- References -- Part IV: Applications of Headache Trigger Measurement and Research -- 8: Goals and Applications of Trigger Assessment in Clinical Practice and Research -- Introduction -- To Facilitate Individual Causal Models -- To Facilitate Rapport and Trust -- To Increase Perception of Control -- To Understand and Address Consequences of Causal Models -- To Understand Avoidance Patterns -- To Create Experimental Conditions -- To Target Treatment -- To Advance Research on Triggers -- To Inform Other Areas of Headache Research -- To Give Credibility to Research -- Concluding Remarks -- References -- 9: Future Directions and Evolving Theories -- Introduction. Scaling of Triggers -- Evolving Pathophysiology -- Forecasting of Attacks -- Causal Modeling -- Improving Biomarkers and Wearable Devices -- Summary -- References -- Index.

---