Table of Contents

Executive Summary ................................................. 1

Introduction ......................................................... 2
   EN Overview .................................................. 2
   Objectives .................................................... 3
   Patients in the Healthcare System ......................... 3

Methodology ......................................................... 6
   Data Sources: Big Data Sets ................................ 6
   Data Sources: Large EN Studies in the Literature ........ 10
   Data Source: ASPEN Survey ................................ 10

Results ........................................................................ 11
   Segmentation by Healthcare Setting ....................... 11
      Acute Care Hospitals ...................................... 12
         Acute Care Hospital Data from Big Data Sources  12
         Acute Care Hospital Data from the Literature  16
         Acute Care Hospital Data from ASPEN Survey  19
         Analysis of the Acute Care Hospital Setting ...... 19
      Nursing Homes .............................................. 20
         Nursing Home Data from Big Data Sources  20
         Nursing Home Data from the Literature  21
         Nursing Home Data from the ASPEN Survey  22
         Analysis of the Nursing Home Setting .......... 22
      Home Care .................................................. 22
         Home Care Data from Big Data Sources .......... 23
         Home Care Data from the Literature .......... 24
         Home Care Data from the ASPEN Survey  26
         Analysis of the Home Care Setting .............. 26
      Long-Term Acute Care Hospitals (LTCH) ............... 27
         LTCH Data from Big Data Sources ................ 27
         LTCH Data from the Literature .................... 28
         LTCH Data from the ASPEN Survey .............. 29
         Analysis of the LTCH Setting .................... 29
      Inpatient Rehabilitation Facilities (IRF) ................. 30
         IRF Data from Big Data Sources .................. 30
         IRF Data from the Literature ...................... 31
         IRF Data from the ASPEN Survey .............. 31
         Analysis of the IRF Setting ..................... 31
Segmentation by Product Type and Delivery Methods

Types of Feeding Tubes
- Feeding Tube Types in Acute Care
- Feeding Tube Types in Post-Acute Care
- Analysis of Feeding Tubes

Types of Formula Administered
- Types of Formulas Used Across Healthcare Settings
- Use of Modular Components
- Analysis of Formula Types

EN Delivery Methods
- Open vs. Closed Delivery Systems
- Water Flushes
- Analysis of Administration Methods

Malnutrition and EN
- Acute Care Hospitals
- Post-acute Care

Market Drivers, Trends, and Challenges
- Growing Awareness of the Role of Nutrition
- Aging Population and Malnutrition Risk
- Healthcare Delivery and Reimbursement Policies
- Coverage Policies for EN
- Greater Involvement in Self Care
- EN Order Writing: Changes in Prescribers

Opportunity for Future Research

Conclusion

Appendices

Glossary of Abbreviations and Terms

References

Acknowledgements

Tables
- Table A. Discharge Status for Hospital Discharges 2014
- Table B. Prevalence of Clinical Measures in Nursing Home Residents By Age, by Percent, 2014
- Table C. Health Care Settings, Enteral Nutrition Coverage and Payer Policies
- Table D. EN Payer Mix per Healthcare Setting
- Table E. ASPEN Clinical Practice Committee Enteral Nutrition Survey Instrument
- Table F. ICD-9-CM Diagnosis Codes for Malnutrition Used in HCUP Data Analysis