## **INDEX OF TABLES**

| Table 1: CEAP Venous Disease Classification System.  | 15. |
|--|-----|
| Table 2: Progression of Chronic Venous Disease.  | 18. |
| Table 3: Causes of Chronic Venous Disease.   | 19. |
| Table 4: Chronic Venous Disease Risk Factors.  | 21. |
| Table 5: U.S. Varicose Vein Prevalence and Incidence 2015.   | 23. |
| Table 6: Varicose Vein Prevalence Studies Reviewed and Related 2015 U.S. Estimates.                        | 24. |
| Table 7: Varicose Vein Incidence Studies Reviewed and Related 2015 U.S. Estimates.                         | 27. |
| Table 8: Varicose Veins Independent Risk Factors for Developing Ulcers. Multiple Adjusted Odds Ratios.     | 29. |
| Table 9: U.S. Chronic Venous Insufficiency Prevalence and Incidence 2015.                                  | 31. |
| Table 10: Chronic Venous Insufficiency (CVI) Prevalence Studies Reviewed and Related 2015 U.S. Estimates.  | 32. |
| Table 11: 2015 U.S. Venous Ulcers Prevalence and Incidence.  | 38. |
| Table 12: Venous Ulcer (VU) Prevalence Studies Reviewed and Related 2015 U.S. Estimates.                   | 40. |
| Table 13: Venous Ulcer (VU) Incidence Studies and Related 2015 U.S. Estimates.                             | 43. |
| Table 14: U.S. Venous Ulcer Cost Studies Reviewed and Calculations of 2015 Total Treatment Cost.           | 46. |
| Table 15: Factors that Increase Ulcer Treatment Cost.  | 52. |
| Table 16: One-Year Ulcer Recurrence Rates.   | 55. |
| Table 17: Factors that Decrease Ulcer Recurrence.  | 56. |
| Table 18: Percentage Unhealed Venous Ulcers Found at Varying Time Periods.                                 | 57. |
| Table 19: Conclusions Regarding Percentage of Unhealed Ulcers at Six Months and One Year.                  | 58. |
| Table 20: Factors That Increase Ulcer Healing Time.  | 59. |
| Table 21: 2015 U.S. Prevalence of Chronic Venous Disease, Varicose Veins and Chronic Venous Insufficiency. | 68. |
| Table 22: 2015 U.S. Prevalence of Chronic Venous Insufficiency and Venous Ulcers.                          | 69. |

Table 23: 2015 U.S. Incidence of Varicose Veins, Chronic Venous Insufficiency and Venous71.Ulcers.71.

## **INDEX OF FIGURES**

| Figure 1: History of Deep Vein Thrombosis Increases with Venus Disease Severity.  | 20. |
|---|-----|
| Figure 2: Distribution of Reflux in Venous Ulcer Patients.  | 35. |
| Figure 3: Distribution of Reflux in Leg Ulcer Patients with Primary and Secondary (PTS) Disease.  | 36. |
| Figure 4: 2015 Comparison of the Annual Costs of Venous Ulcers and Diabetic Foot Ulcers.  | 50. |
| Figure 5: Percentage of Venous Ulcer Costs by Treatment Location.   | 51. |
| Figure 6: Total Cost of Healed and Unhealed Ulcers and Individual Cost Components.*   | 53. |
| Figure 7: Venous Ulcer Inpatient and Outpatient Treatment Costs.*   | 54. |
| Figure 8: Cost of Recurrent Ulcers Compared with Non-Recurrent Ulcers.  | 54. |
| Figure 9: 2015 Venous Ulcer Patients Incur Higher Costs in Both Medicare and Private Insurance Plans.                                   | 60. |
| Figure 10: 2015 Comparison of Incremental Costs of Venous Ulcers and Diabetic Foot Ulcers.  | 61. |
| Figure 11: 2015 Comparison of Total Work-Loss Costs and Components of Costs for Venous Ulcer Patients and Diabetic Foot Ulcer Patients. | 63. |
| Figure 12: Causes of Leg and Foot Ulcers.   | 66. |
| Figure 13: 2015 U.S. Chronic Venous Disease by CEAP Category.   | 68. |
| Figure 14: 2015 U.S. Venous Ulcers (C5-C6) as a Percentage of Chronic Venous Insufficiency.   | 69. |
| Figure 15: U.S. Prevalence of Major Chronic Diseases.   | 70. |
| Figure 16: U.S. Incidence of Major Chronic Diseases.  | 71. |