Vein Illuminator Market by Technology (Transillumination, Infrared Technology and Ultrasound), Application, End-Users (Hospitals, Rehabilitation Centers, Blood Donation Camps, Academic Institutions, and Others), & Geography - Global forecast to 2022

Description: “Increasing first attempt success rate of pricking for IV access and blood draw applications”
The global vein illuminator market was valued at USD 32.2 million in 2015 and is expected to reach USD 227.2 million by 2022, at a CAGR of 32.41% between 2016 and 2022. The growth of the vein illuminator market would be driven by its increasing success in finding the appropriate vein to draw blood or for IV access in the first attempt. This facilitates the medical practitioner’s task and also reduces the patient discomfort. Very often, the veins of elderly patients and children are hard to reach, which causes the procedure to be more painful. Dehydration, obesity, certain medications, and drug abuse can also lead to difficulty in accessing veins. When using vein illuminator devices, the infrared light of the device is absorbed by the hemoglobin in the blood. When the device is held above the skin, veins appear noticeably different from the surrounding tissue and are, thus, highlighted. The vasculature shows up clearly on the skin’s surface, aiding in vein location to collect a blood sample or administer IV medications “Near infrared technology-based vein illuminator to hold largest market share”
The NIR technology-based vein illuminators are more accurate than transillumination-based devices and cost lower than ultrasound technology-based devices. Therefore, near infrared technology (NIR)-based vein illuminators are expected to hold the largest market share and grow at the highest rate during the forecast period.
“Market in North America to grow at the highest CAGR”
The market in North America is expected to grow at the highest CAGR because of the high demographic concentration and growing aging and pediatric population. North America is also expected to witness rapid growth due to the presence of major manufacturing companies for vein illuminator and the consumer acceptance of new technologies.
In the process of determining and verifying the market size for several segments and subsegments gathered through the secondary research, extensive primary interviews have been conducted with people holding key positions across several regions. The breakup of the profile of primary participants is given below:
- By Company Type: Tier 1 – 30 %, Tier 2 – 50%, and Tier 3 – 20%
- By Designation: C level – 35%, Director level – 25%, Others – 40%
- By Region: North America – 39%, Europe – 31%, APAC – 17%, RoW – 13%
“Increasing biometric banking application to present lucrative opportunity for the growth of this market”
The drawbacks of conventional biometric applications such as dummy fingerprints are among the major reason for the development of alternate biometric solutions. After Apple (U.S.) came up with the 5S with a Touch ID fingerprint reading sensor and similar features were incorporated by Samsung Corp (South Korea) in the Galaxy S5 and S6, Barclays (U.K.) came up with alternative biometric solution for its customers, known as finger vein authentication. Thus, the increasing biometric banking applications are expected to contribute to the growth of the vein illuminator market.
Some of the key vein illuminator manufacturing companies profiled in the report are as follows:
- AccuVein Inc. (U.S.)
- Christie Medical Holdings, Inc. (U.S.)
- TransLite LLC. (U.S.)
- Venoscope LLC. (U.S.)
- Sharn Anesthesia (U.S.)
- Infrared Imaging Systems, Inc. (U.S.)
- Near Infrared Imaging Inc. (U.S.)
- Venoscope LLC (U.S.)
- VueTek Scientific LLC (U.S.)
- Zd Medical Inc. (China.)
- Cambridge Medical (Asia) Private Ltd. (Singapore.)

The report will help the leading players/new entrants in this market in the following ways:
- This report segments the vein illuminator market comprehensively and provides the closest estimation of the overall size of the market and its subsegments across different technologies, end-user industries,
applications, and regions.
- The report would help stakeholders understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.
- This report would help stakeholders better understand the competitors and gain more insights to improve their position in the business. The competitive landscape section includes competitors’ ecosystem, new product developments, funding, and partnerships.

Contents:

1 Introduction
1.1 Objectives of Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Introduction
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primaries
2.2 Market Size Estimation
2.3 Market Breakdown and Data Triangulation
2.4 Assumptions

3 Executive Summary

4 Premium Insights
4.1 Growth Drivers for the Market
4.2 Vein Illuminator Market - Comparison of Four Geographic Regions
4.3 North America: Market
4.4 Hospitals to Be the Largest End User in the Market Between 2016 and 2022

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 Vein Illuminator Market, By Technology
5.2.2 Market, By Application
5.2.3 Market, By End User
5.2.4 Market, By Geography
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Increased Success Rate of Blood Draw at First Attempt
5.3.1.2 Increased Patient Satisfaction
5.3.2 Restraints
5.3.2.1 Prevalence of Traditional Methods of Vein Detection Hinders the Adoption of Vein Illuminators
5.3.3 Opportunities
5.3.3.1 Increasing Biometric Banking Applications
5.3.4 Challenges
5.3.4.1 High Cost of Devices May Limit the Growth of Market

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Industry Trends
6.4 Porter’s Five Forces Model
6.4.1 Threat of New Entrants
6.4.2 Threat of Substitutes
6.4.3 Bargaining Power of Suppliers
6.4.4 Bargaining Power of Buyers
6.4.5 Intensity of Rivalry

7 Global Vein Illuminator Market, By Technology
7.1 Introduction
7.2 Transillumination
7.3 Near Infrared Illumination
7.4 Ultrasound Technologies

8 Global Vein Illuminator Market, By Application
8.1 Introduction
8.2 Intravenous Access
8.3 Blood Draw
8.4 Other Applications

9 Global Vein Illuminator Market, By End User
9.1 Introduction
9.2 Hospitals
9.3 Rehabilitation Facilities
9.4 Blood Donation Camps
9.5 Academic Institutions
9.6 Other End Users

10 Global Vein Illuminator Market, By Geography
10.1 Introduction
10.2 North America
10.3 Europe
10.4 Asia-Pacific
10.5 Rest of the World

11 Competitive Landscape
11.1 Overview
11.2 Ranking Analysis, Vein Illuminator Market (2015)
11.3 Significant Developments in Market

12 Company Profiles
(Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*
12.1 Introduction
12.2 Accuvein Inc.
12.3 Christie Medical Holdings, Inc.
12.4 Sharn Anesthesia
12.5 Infrared Imaging Systems, Inc.
12.6 Near Infrared Imaging Inc.
12.7 Translite LLC
12.8 Venoscope, LLC
12.9 Vuetek Scientific LLC.
12.10 ZD Medical Inc.
12.11 Cambridge Medical (Asia) Private Ltd.

*Details on Company at A Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Knowledge Store: Marketsandmarkets’ Subscription Portal
13.4 Introducing RT: Real-Time Market Intelligence
13.5 Available Customizations
13.6 Related Report

List of Tables
Table 1 Vein Illuminator Market Segmentation: By Technology
Table 2 Market Segmentation: By Application
Table 3 Market Segmentation: By End User
Table 4 Rising Medical Spending and Increasing Patient Satisfaction Contribute to the Growth of the Vein Illuminator Market
Table 5 Vein Illuminator Market, By Technology, 2014-2022 (USD Thousand)
Table 6 Market Size for Transillumination, By Application, 2014-2022 (USD Thousand)
Table 7 Market Size for Transillumination, By End User, 2014-2022 (USD Thousand)
Table 8 Market Size for Transillumination, By Region, 2014-2022 (USD Thousand)
Table 9 Market Size for Transillumination in North America, By Country, 2014-2022 (USD Thousand)
Table 10 Market Size for Transillumination in Europe, By Country, 2014-2022 (USD Thousand)
Table 11 Market Size for Transillumination in Asia-Pacific, By Country, 2014-2022 (USD Thousand)
Table 12 Market Size for Transillumination in Rest of the World, By Region, 2014-2022 (USD Thousand)
Table 13 Market Size for Near Infrared Illumination, By Application, 2014-2022 (USD Thousand)
Table 14 Market Size for Near Infrared Illumination, By End User, 2014-2022 (USD Thousand)
Table 15 Market Size for Near Infrared Illumination, By Region, 2014-2022 (USD Thousand)
Table 16 Market Size for Near Infrared Illumination in North America Market, By Country, 2014-2022 (USD Thousand)
Table 17 Vein Illuminator Market Size for Near Infrared Illumination in Europe, By Country, 2014-2022 (USD Thousand)
Table 18 Market Size for Near Infrared Illumination in Asia-Pacific Market, By Country, 2014-2022 (USD Thousand)
Table 19 Market Size for Near Infrared Illumination in Rest of the World, By Region, 2014-2022 (USD Thousand)
Table 20 Market Size for Ultrasound, By Application, 2014-2022 (USD Thousand)
Table 21 Market Size for Ultrasound, By End User, 2014-2022 (USD Thousand)
Table 22 Market Size for Ultrasound, By Region, 2014-2022 (USD Thousand)
Table 23 Market Size, By Application, 2014-2022 (USD Thousand)
Table 24 Market Size of Vein Illuminator Application, By End User, 2014-2022 (USD Thousand)
Table 25 Vein Illuminator Market Size, By Region, 2014-2022 (USD Thousand)
Table 26 Market Size of Intravenous Access Application of Vein Illuminator, By Technology, 2014-2022 (USD Thousand)
Table 27 Market Size of Intravenous Access Application of Vein Illuminator, By End User, 2014-2022 (USD Thousand)
Table 28 Market Size of Intravenous Access Application of Vein Illuminator, By Region, 2014-2022 (USD Thousand)
Table 29 Market Size of Blood Draw Application of Vein Illuminator, By End User 2014-2022 (USD Thousand)
Table 30 Market Size of Blood Draw Application of Vein Illuminator, By Technology, 2014-2022 (USD Thousand)
Table 31 Blood Draw Market Size, By Region, 2014-2022 (USD Thousand)
Table 32 Market Size of Other Applications of Vein Illuminators, By Technology, 2014-2022 (USD Thousand)
Table 33 Market Size of Other Applications of Vein Illuminators, By End User, 2014-2022 (USD Thousand)
Table 34 Market Size of Other Applications of Vein Illuminators, By Region, 2014-2022 (USD Thousand)
Table 35 Vein Illuminator Market, By End User, 2014-2022 (USD Thousand)
Table 36 Market Size in Hospitals, By Technology, 2014-2022 (USD Thousand)
Table 37 Market Size in Hospitals, By Application, 2014-2022 (USD Thousand)
Table 38 Market Size for Hospitals, By Region, 2014-2022 (USD Thousand)
Table 39 Market Size for Rehabilitation Facilities, By Technology, 2014-2022 (USD Thousand)
Table 40 Vein Illuminator Market Size for Rehabilitation Facilities, By Application, 2014-2022 (USD Thousand)
Table 41 Market Size for Rehabilitation Facilities, By Region, 2014-2022 (USD Thousand)
Table 42 Vein Illuminator Market Size in Blood Donation Camps, By Technology, 2014-2022 (USD Thousand)
Table 43 Market Size for Blood Donation Camps, By Application, 2014-2022 (USD Thousand)
Table 44 Vein Illuminator Market Size for Blood Donation Camps, By Region, 2014-2022 (USD Thousand)
Table 45 Market Size for Academic Institutions, By Technology, 2014-2022 (USD Thousand)
Table 46 Vein Illuminator Market Size for Academic Institutions, By Application, 2014-2022 (USD Thousand)
Table 47 Market Size for Academic Institutions, By Region, 2014-2022 (USD Thousand)
Table 48 Market Size for Other End Users, By Technology, 2014-2022 (USD Thousand)
Table 49 Vein Illuminator Market Size for Other End Users, By Application, 2014-2022 (USD Thousand)
Table 50 Market Size for Other End Users, By Region, 2014-2022 (USD Thousand)
Table 51 Market, By Region, 2014-2022 (USD Thousand)
Table 52 Vein Illuminator Market Size in North America, By Technology, 2014-2022 (USD Thousand)
Table 53 Market Size in North America, By Application, 2014-2022 (USD Thousand)
Table 54 Market Size in North America, By End User, 2014-2022 (USD Thousand)
Table 55 Vein Illuminator Market Size in North America, By Country, 2014-2022 (USD Thousand)
Table 56 Market Size in Europe, By Technology, 2014-2022 (USD Thousand)
Table 57 Vein Illuminator Market Size in Europe, By Application, 2014-2022 (USD Thousand)
Table 58 Market Size in Europe, By End User, 2014-2022 (USD Thousand)
Table 59 Market Size in Europe, By Country, 2014-2022 (USD Thousand)
Table 60 Market Size in Asia-Pacific, By Technology, 2014-2022 (USD Thousand)
Table 61 Market Size in Asia-Pacific, By Application, 2014-2022 (USD Thousand)
Table 62 Market Size in Asia-Pacific, By End User, 2014-2022 (USD Thousand)
Table 63 Market Size for Asia-Pacific, By Country, 2014-2022 (USD Thousand)
Table 64 Market Size in Rest of the World, By Technology, 2014-2022 (USD Thousand)
Table 65 Market Size in Rest of the World, By Application, 2014-2022 (USD Thousand)
Table 66 Market Size in Rest of the World, By End User, 2014-2022 (USD Thousand)
Table 67 Market Size in Rest of the World, By Region, 2014-2022 (USD Thousand)
Table 68 Accuvein Inc. and Sharn Anesthesia to Lead the Market in 2015
Table 69 New Product Development
Table 70 Others

List of Figures

Figure 1 Markets Segments
Figure 2 Vein Illuminator Market: Research Design
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Data Triangulation
Figure 6 Near Infrared Illumination is Expected to Lead the Global Market During the Forecast Period, (USD Thousand)
Figure 7 IV Access Expected to Lead the Global Market During the Forecast Period, (USD Thousand)
Figure 8 Hospitals Expected to Lead the Global Market During the Forecast Period (USD Thousand)
Figure 9 North America Expected to Lead the Global Market During the Forecast Period
Figure 10 Attractive Market Growth Opportunities Between 2016 and 2022
Figure 11 North America to Grow at A High Rate Between 2016 and 2022
Figure 12 U.S. to Hold the Largest Share of the North American Vein Illuminator Market By 2022
Figure 13 North America to Hold the Largest Market Share for All End Users in 2016
Figure 14 Market Segmentation
Figure 15 Market Segmentation: By Geography
Figure 16 Increased Success Rate of Blood Draw in First Attempt and Patient Satisfaction are the Driving Forces for Vein Illuminator Device Market
Figure 17 Value Chain Analysis (2016): Major Value is Added During the Component Manufacturing and Assembly & Packaging Phase
Figure 18 Porter's Five Forces Analysis
Figure 19 Porter's Five Forces Analysis (2015): Impact Analysis for Vein Illuminator Market
Figure 20 Medium Threat of New Entrants
Figure 21 Medium Threat of Substitutes
Figure 22 Lower Bargaining Power of Suppliers
Figure 23 Higher Bargaining Power of Buyers
Figure 24 Higher Industry Rivalry
Figure 25 Vein Illuminator Market: By Technology
Figure 26 Near Field Illumination to Witness Highest Growth in the Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 27 IV Access to Witness Highest Growth in Transillumination Market Between 2016 and 2022 (USD Thousand)
Figure 28 North America to Witness Highest Growth in Transillumination for Market Between 2016 and 2022 (USD Thousand)
Figure 29 IV Access to Witness Highest Growth in Near Infrared Illumination Market Between 2016 and 2022 (USD Thousand)
Figure 30 North America to Witness Highest Growth in Near Infrared Illumination for Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 31 IV Access to Witness Highest Growth in Ultrasound Technology Market Between 2016 and 2022 (USD Thousand)
Figure 32 Europe to Witness Highest Growth in Ultrasound Technology for Market Between 2016 and 2022 (USD Thousand)
Figure 33 IV Access to Hold the Largest Market Share Between 2016 and 2022
Figure 34 Hospitals to Hold the Largest Market Share Between 2016 and 2022
Figure 35 North America to Hold the Largest Share of the Market Between 2016 and 2022
Figure 36 Near Infrared Illumination to Witness the Highest Growth in IV Access Market for Vein Illuminator Between 2016 and 2022 (USD Thousand)
Figure 37 Hospital to Grow at the Highest CAGR in Blood Draw Application Between 2016 and 2022 (USD Thousand)
Figure 38 Near Infrared Illumination to Witness Highest Growth in Other Applications of Vein Illuminator Between 2016 and 2022 (USD Thousand)
Figure 39 Vein Illuminator Market: By End User
Figure 40 Hospitals to Witness Highest Growth in Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 41 Near Infrared Illumination to Witness Highest Growth in Hospitals in Vein Illuminator Market Between 2016 and 2012 (USD Thousand)
Figure 42 Near Infrared Illumination to Witness Highest Growth in Rehabilitation Facilities for Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 43 Transillumination to Witness Highest Growth in Blood Donation Camps in Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 44 Near Infrared Illumination to Witness Highest Growth in Academic Institutions in Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 45 Near Infrared Illumination to Witness Highest Growth Among Other End Users in Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 46 Benefits of Vein Illuminator
Figure 47 Geographic Snapshot: North America to Register the Highest Growth Rate During the Forecast Period
Figure 48 North America to Witness Highest Growth Between 2016 and 2022
Figure 49 North America: Vein Illuminator Market Snapshot
Figure 50 Hospitals to Witness Highest Growth in North American Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 51 Academic Institutions to Witness Highest Growth in European Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 52 Hospitals to Witness Highest Growth in Asia-Pacific Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 53 Hospitals to Witness Highest Growth in Rest of the World Vein Illuminator Market Between 2016 and 2022 (USD Thousand)
Figure 54 SWOT Analysis : Accuven Inc.
Figure 55 SWOT Analysis : Christie Medical Holdings, Inc.
Figure 56 SWOT Analysis : Sharn Anesthesia Inc.
Figure 57 SWOT Analysis : Infrared Imaging Systems, Inc.
Figure 58 SWOT Analysis : Near Infrared Imaging, Inc.
Figure 59 Knowledge Store Snapshot
Figure 60 Knowledge Store: Semiconductor & Electronics Industry Snapshot

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