

# Actinic Keratosis Treatment Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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Actinic Keratosis Treatment Trends and Forecast

The future of the global actinic keratosis treatment market looks promising with opportunities in the hospital, private clinic, and homecare markets. The global actinic keratosis treatment market is expected to reach an estimated \$9.3 billion by 2030 with a CAGR of 7.0% from 2024 to 2030. The major drivers for this market are the increasing incidence of actinic keratosis and the rising elderly population.

Lucintel forecasts that, within the therapy category, surgery will remain the largest segment over the forecast period due to the increased adoption of cryotherapy for treating actinic keratosis.

Within the application category, end-use will remain the largest segment due to an increase in photodynamic therapy procedures performed in hospitals.

In terms of regions, North America will remain the largest region over the forecast period due to the increasing prevalence of actinic keratosis, positive government initiatives, growing consumer awareness, and enhancements in healthcare infrastructure.

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Emerging Trends in the Actinic Keratosis Treatment Market

The treatment of actinic keratosis (AK) is evolving rapidly due to the emergence of noninvasive therapies, combination treatments, and personalized approaches. These trends are reshaping how AK is diagnosed and managed, leading to better patient outcomes.

1. Non-Invasive Treatments: Non-invasive therapies such as Photodynamic Therapy (PDT) and laser treatments (e.g., fractional laser resurfacing) are gaining popularity due to their effectiveness, minimal pain, and shorter recovery times. These methods are preferred by both patients and healthcare providers because they offer comfort and convenience with reduced downtime.

2. Combination Therapies: Combining topical agents with PDT or laser treatments is becoming a common practice. This approach improves treatment efficiency, reduces recurrence rates, and provides a more holistic approach to managing AK on an individual basis, rather than relying on a one-size-fits-all treatment.

3. Personalized Medicine: Advances in genetic research and diagnostic technologies are leading to more personalized treatment plans for AK. By tailoring treatments to individual patient profiles, outcomes are improved, and side effects are minimized, resulting in higher patient satisfaction.

4. Al and Imaging Technologies: The integration of AI-powered diagnostics and advanced imaging technologies has revolutionized early detection and monitoring of AK. AI helps dermatologists make more accurate assessments, facilitating timely intervention and improved treatment outcomes.

5. Prevention Focus: Public awareness of sun protection and early intervention is on the rise. Educational campaigns and the availability of protective skincare products are key factors in preventing the development of AK, promoting earlier treatment, and reducing the incidence of this skin condition.

These emerging trends are driving a transformation in the AK treatment landscape, focusing on more effective, patient-centered care.

Recent Developments in the Actinic Keratosis Treatment Market

Recent innovations in the AK treatment market focus on improving efficacy, patient



comfort, and accessibility. Some key developments include:

1. New Topical Agents: The development of novel topical treatments with better skin penetration and reduced side effects has enhanced patient outcomes. These agents use advanced drug delivery systems for more prolonged action.

2. Advanced Photodynamic Therapy (PDT): Innovations in PDT, such as better photosensitizers and improved light delivery mechanisms, are making PDT more effective and comfortable, resulting in higher success rates.

3. Laser Treatment Advancements: The development of fractional laser technologies has improved AK treatment by targeting specific areas, reducing healing time, and minimizing complications. These lasers are now widely used in dermatology for their non-invasive nature.

4. Al Integration in Diagnostics: Al is transforming how AK is diagnosed and monitored. Al-based diagnostic tools offer accurate assessments, allowing dermatologists to plan treatments more effectively, leading to better patient outcomes.

5. Regulatory Approvals: Recent regulatory approvals have paved the way for new, advanced treatments to enter the market. These approvals are crucial for ensuring the availability of safe and effective therapies for AK.

Strategic Growth Opportunities for Actinic Keratosis Treatment Market

The AK treatment market offers several avenues for growth, including:

1. Treatment Modalities Advancements: The demand for more effective treatments is driving the development of advanced topical agents, improved PDT, and groundbreaking laser therapies. These innovations promise better outcomes for patients and fuel market growth.

2. Emerging Markets Expansion: The healthcare infrastructure in emerging markets such as China, India, and Brazil is rapidly improving, creating opportunities for the expansion of AK treatments. Growing demand for advanced medical treatments in these regions offers significant market potential.

3. Specialized Treatments: Tailored treatments designed to meet specific patient needs, such as those with superior penetration or minimal side effects, are gaining popularity in



niche markets, providing new growth opportunities.

4. Digital Health Solutions: Integrating telemedicine platforms and AI-powered diagnostic tools into the treatment process can enhance disease management, improving patient engagement and outcomes. This digital health integration opens up opportunities for more comprehensive care.

5. Strategic Partnerships: Collaborations between pharmaceutical companies, medical device manufacturers, and healthcare providers are driving innovation and market expansion. Partnerships can lead to the development of new products and help expand market reach.

Actinic Keratosis Treatment Market Driver and Challenges

The AK treatment market is driven by several factors, but faces challenges that must be addressed for sustained growth:

Drivers:

1. Technological Advancements: The development of advanced PDT and laser therapies has improved treatment efficacy, making these options increasingly popular among patients and healthcare providers.

2. Rising Incidence of Actinic Keratosis: The growing incidence of AK, fueled by factors such as sun exposure and an aging population, has created a greater demand for effective treatments.

3. Regulatory Support: Regulatory frameworks that support the approval of new treatments have accelerated the entry of innovative therapies into the market.

4. Rising Awareness: Increased public awareness about the risks of AK, particularly due to sun exposure, has led to earlier detection and more patients seeking treatment.

5. Economic Growth: The economic expansion of emerging markets has increased healthcare spending, providing greater access to modern treatments for AK.

Challenges:

1. High Treatment Costs: The high cost of advanced treatments, such as PDT and laser



therapies, may limit access for some patients, particularly in lower-income regions.

2. Side Effects: Some treatments may cause undesirable side effects, which could impact their widespread adoption and patient acceptability.

3. Regulatory Hurdles: The lengthy and expensive process of obtaining regulatory approvals can delay the availability of new treatments and limit market access for innovative therapies.

Key regions are seeing significant developments in the AK treatment market:

• United States: The U.S. is a leader in the adoption of combination therapies and advanced treatments for AK. FDA approvals for new drugs and ongoing clinical trials into immune modulators promise new treatment options.

• China: In China, PDT has become increasingly popular, and local pharmaceutical companies are investing in research and development to create cost-effective treatments. Collaborations with international firms are improving access to novel therapies.

• Germany: Germany leads in the use of fractional laser technologies, which target precancerous cells for faster healing and reduced complication risks. Regulatory support in Germany fosters innovation in AK treatment.

• India: India focuses on making AK treatments affordable and accessible through generic drugs and government subsidies. Increasing public awareness has led to more patients seeking dermatological care.

• Japan: Japan is at the forefront of advanced imaging technologies, such as highresolution dermoscopy and AI-based diagnostic tools, which have significantly improved AK diagnosis and treatment outcomes.

List of Actinic Keratosis Treatment Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies actinic keratosis treatment companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies,



reduce production costs, and expand their customer base. Some of the actinic keratosis treatment companies profiled in this report include-

Almirall

LEO Pharma

Sun Pharmaceutical Industries

Novartis

GALDERMA

**Ortho Dermatologics** 

BIOFRONTERA

Actinic Keratosis Treatment by Segment

The study includes a forecast for the global actinic keratosis treatment by therapy, drug class, end use, and region.

Actinic Keratosis Treatment Market by Therapy [Analysis by Value from 2018 to 2030]:

Topical

Photodynamic Therapy

Surgery

Actinic Keratosis Treatment Market by Drug Class [Analysis by Value from 2018 to 2030]:

Nucleoside Metabolic Inhibitor

**NSAIDs** 



Immune Response Modifiers

Photoenhancers

Others

Actinic Keratosis Treatment Market by End Use [Analysis by Value from 2018 to 2030]:

Hospitals

**Private Clinics** 

Homecare

Others

Actinic Keratosis Treatment Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

Country Wise Outlook for the Actinic Keratosis Treatment Market

United States: The U.S. is a leader in the adoption of combination therapies and advanced treatments for AK. FDA approvals for new drugs and ongoing clinical trials into immune modulators promise new treatment options.

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Germany: Germany leads in the use of fractional laser technologies, which target pre-cancerous cells for faster healing and reduced complication risks. Regulatory support in Germany fosters innovation in AK treatment.

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Japan: Japan is at the forefront of advanced imaging technologies, such as highresolution dermoscopy and AI-based diagnostic tools, which have significantly improved AK diagnosis and treatment outcomes.

Features of the Global Actinic Keratosis Treatment Market

Market Size Estimates: Actinic keratosis treatment market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Actinic keratosis treatment market size by therapy, drug class, end use, and region in terms of value (\$B).

Regional Analysis: Actinic keratosis treatment market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different therapy, drug class, end use, and regions for the actinic keratosis treatment market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the actinic keratosis treatment market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

If you are looking to expand your business in this or adjacent markets, then contact us. We have done hundreds of strategic consulting projects in market entry, opportunity



screening, due diligence, supply chain analysis, M & A, and more.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the actinic keratosis treatment market by therapy (topical, photodynamic therapy, and surgery), drug class (nucleoside metabolic inhibitor, NSAIDs, immune response modifiers, photoenhancers, and others), end use (hospitals, private clinics, homecare, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?



## Contents

#### **1. EXECUTIVE SUMMARY**

#### 2. GLOBAL ACTINIC KERATOSIS TREATMENT MARKET : MARKET DYNAMICS

- 2.1: Introduction, Background, and Classifications
- 2.2: Supply Chain
- 2.3: Industry Drivers and Challenges

#### 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

- 3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)
- 3.2. Global Actinic Keratosis Treatment Market Trends (2018-2023) and Forecast (2024-2030)
- 3.3: Global Actinic Keratosis Treatment Market by Therapy
  - 3.3.1: Topical
  - 3.3.2: Photodynamic Therapy
  - 3.3.3: Surgery
- 3.4: Global Actinic Keratosis Treatment Market by Drug Class
  - 3.4.1: Nucleoside Metabolic Inhibitor
  - 3.4.2: NSAIDs
  - 3.4.3: Immune Response Modifiers
  - 3.4.4: Photoenhancers
  - 3.4.5: Others
- 3.5: Global Actinic Keratosis Treatment Market by End Use
  - 3.5.1: Hospitals
  - 3.5.2: Private Clinics
  - 3.5.3: Homecare
  - 3.5.4: Others

# 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Actinic Keratosis Treatment Market by Region

- 4.2: North American Actinic Keratosis Treatment Market
- 4.2.1: North American Market by Therapy: Topical, Photodynamic Therapy, and Surgery
  - 4.2.2: North American Market by End Use: Hospitals, Private Clinics, Homecare, and



Others

- 4.3: European Actinic Keratosis Treatment Market
- 4.3.1: European Market by Therapy: Topical, Photodynamic Therapy, and Surgery4.3.2: European Market by End Use: Hospitals, Private Clinics, Homecare, and Others4.4: APAC Actinic Keratosis Treatment Market
- 4.4.1: APAC Market by Therapy: Topical, Photodynamic Therapy, and Surgery4.4.2: APAC Market by End Use: Hospitals, Private Clinics, Homecare, and Others4.5: ROW Actinic Keratosis Treatment Market
- 4.5.1: ROW Market by Therapy: Topical, Photodynamic Therapy, and Surgery 4.5.2: ROW Market by End Use: Hospitals, Private Clinics, Homecare, and Others

#### **5. COMPETITOR ANALYSIS**

5.1: Product Portfolio Analysis

- 5.2: Operational Integration
- 5.3: Porter's Five Forces Analysis

#### 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
- 6.1.1: Growth Opportunities for the Global Actinic Keratosis Treatment Market by Therapy

6.1.2: Growth Opportunities for the Global Actinic Keratosis Treatment Market by Drug Class

6.1.3: Growth Opportunities for the Global Actinic Keratosis Treatment Market by End Use

6.1.4: Growth Opportunities for the Global Actinic Keratosis Treatment Market by Region

6.2: Emerging Trends in the Global Actinic Keratosis Treatment Market

- 6.3: Strategic Analysis
- 6.3.1: New Product Development
- 6.3.2: Capacity Expansion of the Global Actinic Keratosis Treatment Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Actinic Keratosis

Treatment Market

6.3.4: Certification and Licensing

#### 7. COMPANY PROFILES OF LEADING PLAYERS

#### 7.1: Almirall



- 7.2: LEO Pharma
- 7.3: Sun Pharmaceutical Industries
- 7.4: Novartis
- 7.5: GALDERMA
- 7.6: Ortho Dermatologics
- 7.7: BIOFRONTERA



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