# GUIDELINES ANNUAL REPORT 2024



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## 2024 Guidelines Overview

## **Guidelines Publications by Disease Site**

## **Breast**

- 1. Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline
- 2. Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline Q and A
- 3. Endocrine and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer Capivasertib-Fulvestrant: ASCO Rapid Guideline Update
- 4. Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer CDK4/6 Inhibitors: ASCO Rapid Guideline Update
- 5. Targeted Therapies, Sequencing Strategies, and Beyond in Metastatic Hormone-Receptor Positive Breast Cancer: ASCO Guideline Clinical Insights
- 6. Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer—CDK4/6 Inhibitors: ASCO Rapid Guideline Update Clinical Insights

## **Gastrointestinal**

- 1. Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update
- 2. Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update Clinical Insights
- 3. Management of Locally Advanced Rectal Cancer: ASCO Guideline
- 4. Management of Locally Advanced Rectal Cancer: ASCO Guideline Clinical Insights
- 5. Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline
- 6. Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline Clinical Insights

## <u>Global</u>

- 1. Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline
- 2. Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline Q and A
- 3. ASCO Global Guidelines: Methods and Opportunities

## Head and Neck

- 1. Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline
- 2. Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline Clinical Insights

## **Molecular Testing and Biomarkers**

- 1. Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline
- 2. Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline Clinical Insights

## Supportive Care

1. Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline

- 2. Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline Summary and Q&A
- 3. Vaccination of Adults with Cancer: ASCO Guideline
- 4. Vaccination of Adults with Cancer: ASCO Guideline Clinical Insights

## <u>Survivorship</u>

- 1. Palliative Care for Patients with Cancer: ASCO Guideline Update
- 2. Palliative Care for Patients with Cancer: ASCO Guideline Clinical Insights
- 3. Integrating Health Equity in the ASCO Guideline Agenda: Recommendations from the Palliative Care Expert Panel
- 4. Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update
- 5. Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update Clinical Insights

## **Standards**

- 1. Antineoplastic Therapy Administration Safety Standards for Adult and Pediatric Oncology: ASCO-ONS Standards
- 2. Survivorship Care for People Affected by Advanced or Metastatic Cancer: MASCC-ASCO Standards and Practice Recommendations

## **Thoracic**

- 1. Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2023.3
- 2. Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline, Version 2023.3
- 3. Therapy for Stage IV Non-Small Cell Lung Cancer With and Without Driver Alterations: ASCO Living Guideline Clinical Insights
- 4. Management of Stage III Non-Small Cell Lung Cancer: ASCO Rapid Guideline Update
- 5. Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2024.1
- 6. Therapy for Stage IV Non-Small Cell Lung Cancer with Driver Alterations: ASCO Living Guideline, Version 2024.2
- 7. Management of Stage III Non-Small Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update Clinical Insights
- 8. Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update
- 9. Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update Clinical Insights

Guideline Publication Number Breakdown	
Number of De Novo Guidelines	12
Number of Updates	7
Number of Rapid Updates	4
Number of Q&As/Clinical Insights	17

#### **Journals Publications Breakdown**

Journal of Clinical Oncology (JCO)	18
Journal of Oncology Practice (JOP)	18
JCO Global Oncology (JCO GO)	3

## **Journal Analytics**

## Top 10 Most Viewed Guidelines in JCO

- 1. Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline
- 2. Vaccination of Adults with Cancer: ASCO Guideline
- 3. Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update
- 4. Palliative Care for Patients with Cancer: ASCO Guideline Update
- 5. Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline
- 6. Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline
- 7. Management of Locally Advanced Rectal Cancer: ASCO Guideline
- 8. Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline
- 9. Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer CDK4/6 Inhibitors: ASCO Rapid Guideline Update
- 10. Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update

## Top 10 Most Viewed Guidelines in JCO OP

- 1. Antineoplastic Therapy Administration Safety Standards for Adult and Pediatric Oncology: ASCO-ONS Standards
- 2. Survivorship Care for People Affected by Advanced or Metastatic Cancer: MASCC-ASCO Standards and Practice Recommendations
- 3. Therapy for Stage IV Non-Small Cell Lung Cancer With and Without Driver Alterations: ASCO Living Guideline Clinical Insights
- 4. Vaccination of Adults with Cancer: ASCO Guideline Clinical Insights
- 5. Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update Clinical Insights
- 6. Targeted Therapies, Sequencing Strategies, and Beyond in Metastatic Hormone-Receptor Positive Breast Cancer: ASCO Guideline Clinical Insights
- 7. Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer—CDK4/6 Inhibitors: ASCO Rapid Guideline Update Clinical Insights
- 8. Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline Summary and Q&A
- 9. Palliative Care for Patients with Cancer: ASCO Guideline Clinical Insights
- 10. Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline Q and A

## **Guideline Downloads and Citations by Disease Site**

\*This breakdown includes download and citation data for guidelines published in 2024. It does not include data from guidelines published in previous years that contributed to the overall download numbers for 2024

## <u>Breast</u>

Guideline	Publication Date	Downloads	Citations
Germline Testing in Patients with Breast Cancer:	January 4, 2024	43,648	52
ASCO-SSO Guideline			
Endocrine and Targeted Therapy for HR-Positive,	March 13, 2024	21,612	15
HER2-Negative Metastatic Breast Cancer –			
Capivasertib-Fulvestrant: ASCO Rapid Guideline			
Update			
Optimal Adjuvant Chemotherapy and Targeted	May 20, 2024	22,587	10
Therapy for Early Breast Cancer – CDK4/6			
Inhibitors: ASCO Rapid Guideline Update			
Total		87,847	77

## **Gastrointestinal**

Guideline	Publication Date	Downloads	Citations
Systemic Therapy for Advanced Hepatocellular	March 19, 2024	34,457	38
Carcinoma: ASCO Guideline Update			
Management of Locally Advanced Rectal Cancer:	August 8, 2024	26,057	14
ASCO Guideline			
Systemic Therapy for Stage I-III Anal Squamous	December 16,	3,560	2
Cell Carcinoma: ASCO Guideline	2024		
Total		64,074	54

## <u>Global</u>

Guideline	Publication Date	Downloads	Citations
Systemic Treatment of Patients with Metastatic	January 10, 2024	29,493	6
Breast Cancer: ASCO Resource-Stratified			
Guideline			
ASCO Global Guidelines: Methods and	September 5,	935	-
Opportunities	2024		
Total		30,428	6

## Head and Neck

Guideline	Publication Date	Downloads	Citations
Prevention and Management of	May 1, 2024	20,499	14
Osteoradionecrosis in Patients with Head and			
Neck Cancer Treated with Radiation Therapy:			
ISOO-MASCC-ASCO Guideline			
Total		20,499	14

## Molecular Testing and Biomarkers

Guideline	Publication Date	Downloads	Citations
Selection of Germline Genetic Testing Panels in	May 17, 2024	28,106	23
Patients with Cancer: ASCO Guideline			
Total		28,106	23

## Supportive Care

Guideline	Publication Date	Downloads	Citations
Cannabis and Cannabinoids in Adults with Cancer:	March 13, 2024	28,973	22
ASCO Guideline			
Vaccination of Adults with Cancer: ASCO	March 18, 2024	38,873	15
Guideline			
Total		67,846	37

## <u>Survivorship</u>

Guideline	Publication Date	Downloads	Citations
Palliative Care for Patients with Cancer: ASCO Guideline Update	May 15, 2024	31,080	48
Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update	May 16, 2024	21,158	2
Total		52,238	50

## <u>Standards</u>

Guideline	Publication Date	Downloads	Citations
Antineoplastic Therapy Administration Safety	May 22, 2024	9,437	-
Standards for Adult and Pediatric Oncology:			
ASCO-ONS Standards			
Survivorship Care for People Affected by	April 29, 2024	6,139	8
Advanced or Metastatic Cancer: MASCC-ASCO			
Standards and Practice Recommendations			
Total		15,576	8

## <u>Thoracic</u>

Guideline	Publication Date	Downloads	Citations
Therapy for Stage IV Non-Small Cell Lung Cancer	February 28,	39,674	33
With AND Without Driver Alterations: ASCO	2024		
Living Guidelines, Version 2023.3			

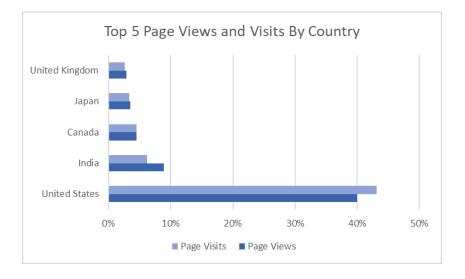
Management of Stage III Non-Small Cell Lung	July 23, 2024	17,826	2
Cancer: ASCO Rapid Guideline Update			
Systemic Therapy for Small-Cell Lung Cancer:	November 20,	9,989	-
ASCO Guideline Rapid Recommendation Update	2024		
Therapy for Stage IV Non-Small Cell Lung Cancer	November 12,	7,649	3
with Driver Alterations: ASCO Living Guideline,	2024		
Version 2024.2			
Total		75,138	38

\*\*The number totals for each guideline/article includes any supplementary articles that were also published for that guideline i.e. clinical insights, Q&A's, etc.

## Website Analytics (ASCO.org)

	Page Views	Visits	Unique Visitors
January	43,087	12,041	10,923
February	40,591	10,609	9,917
March	48,360	15,032	11,063
April	42,865	12,003	10,225
May	51,868	14,291	11,561
June	46,556	14,175	11,684
July	43,795	12,609	10,224
August	42,917	13,024	10,600
September	40,591	12,118	9,917
October	48,755	13,510	11,063
November	40,360	13,648	11,063
December	27,547	8,359	6,916
Total	521,492	124,937	103,482

## Page Views, Visits, and Unique Visitors by Month



## Top 5 Pages Viewed in 2024

	Page	Visit	Unique
	Views		Visitors
ASCO: Practice & Patients>Breast Cancer	73,536	38,797	28,778
ASCO: Practice & Patients>Supportive Care and Treatment-Related	41,760	27,253	22,092
Issues			
ASCO: Practice & Patients>Gastrointestinal Cancer	27,171	15,599	12,149
ASCO: Practice & Patients>Thoracic Cancer	21,975	12,315	8,798
ASCO: Practice & Patients> Patient and Survivor Care	19,859	11,897	8,789

## **Social Media Statistics**

## **Facebook**

Likes	Engagement (Link clicks)	Impressions
750	908	113,584

## Top 3 Most Popular Posts (By Impressions)

Content Summary	Likes	Link Clicks	Impressions
Management of Fatigue in Adult Survivors	55	57	6207
of Cancer: ASCO-SIO Guideline Update			
Selection of Germline Genetic Testing	31	49	4584
Panels in Patients with Cancer: ASCO			
Guideline			
Systemic Therapy for Advanced	26	28	4376
Hepatocellular Carcinoma: ASCO Guideline			
Update			

## <u>Twitter (X)</u>

Likes	Engagement (Link Clicks)	Impressions
657	1016	263,737

Top 3 Most Popular Tweets (By Impressions)

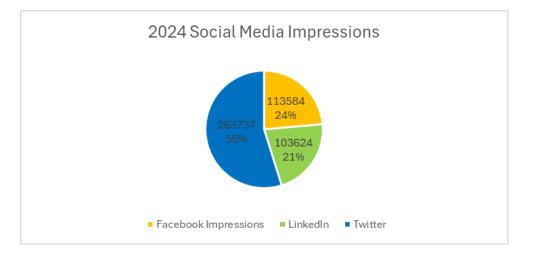
Content Summary	Likes	Link Clicks	Impressions
Palliative Care for Patients with Cancer:	50	89	34149
ASCO Guideline Update			
Cannabis and Cannabinoids in Adults with	28	64	20379
Cancer: ASCO Guideline			
Management of Fatigue in Adult Survivors	47	62	15558
of Cancer: ASCO-SIO Guideline Update			

## <u>LinkedIn</u>

Likes	Engagement (Link Clicks)	Impressions
1159	1382	103,624

Top 3 Most Popular Posts (By Impressions)

Content Summary	Shares	Impressions
Therapy for Stage IV Non-Small Cell Lung	17	8092
Cancer with Driver Alterations: ASCO Living		
Guideline, Version 2024.2		
Optimal Adjuvant Chemotherapy and	8	6883
Targeted Therapy for Early Breast Cancer –		
CDK4/6 Inhibitors: ASCO Rapid Guideline		
Update		
Palliative Care for Patients with Cancer:	25	5521
ASCO Guideline Update		



## **Guidelines Clinical Tools and Resources**

## Total Tools: 76

## Summary of Recommendations Tables: 18

- Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline
- Endocrine and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer Capivasertib-Fulvestrant: ASCO Rapid Guideline Update
- Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer CDK4/6 Inhibitors: ASCO Rapid Guideline Update
- Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update
- Management of Locally Advanced Rectal Cancer: ASCO Guideline
- Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline
- Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline
- Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline
- Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline
- Palliative Care for Patients with Cancer: ASCO Guideline Update
- Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update
- Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline
- Vaccination of Adults with Cancer: ASCO Guideline
- Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2023.3
- Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline, Version 2023.3
- Management of Stage III Non-Small Cell Lung Cancer: ASCO Rapid Guideline Update
- Therapy for Stage IV Non-Small Cell Lung Cancer with Driver Alterations: ASCO Living Guideline, Version 2024.2
- Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update

## Slide Sets: 18

- Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline
- Endocrine and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer Capivasertib-Fulvestrant: ASCO Rapid Guideline Update
- Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer CDK4/6 Inhibitors: ASCO Rapid Guideline Update
- Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update
- Management of Locally Advanced Rectal Cancer: ASCO Guideline
- Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline
- Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline
- Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline
- Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline
- Palliative Care for Patients with Cancer: ASCO Guideline Update

- Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update
- Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline
- Vaccination of Adults with Cancer: ASCO Guideline
- Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2023.3
- Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline, Version 2023.3
- Management of Stage III Non-Small Cell Lung Cancer: ASCO Rapid Guideline Update
- Therapy for Stage IV Non-Small Cell Lung Cancer with Driver Alterations: ASCO Living Guideline, Version 2024.2
- Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update

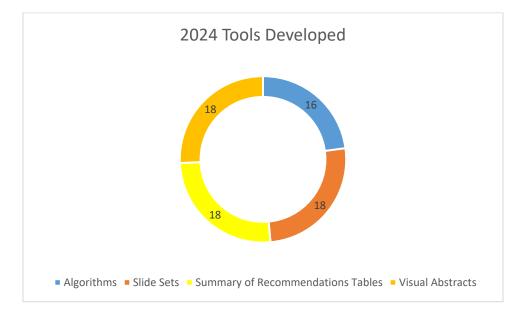
## Visual Abstracts/Graphics: 18

- Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline
- Endocrine and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer Capivasertib-Fulvestrant: ASCO Rapid Guideline Update
- Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer CDK4/6 Inhibitors: ASCO Rapid Guideline Update
- Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update
- Management of Locally Advanced Rectal Cancer: ASCO Guideline
- Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline
- Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline
- Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy: ISOO-MASCC-ASCO Guideline
- Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline
- Palliative Care for Patients with Cancer: ASCO Guideline Update
- Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update
- Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline
- Vaccination of Adults with Cancer: ASCO Guideline
- Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2023.3
- Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline, Version 2023.3
- Management of Stage III Non-Small Cell Lung Cancer: ASCO Rapid Guideline Update
- Therapy for Stage IV Non-Small Cell Lung Cancer with Driver Alterations: ASCO Living Guideline, Version 2024.2
- Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update

## Algorithms & Flow Charts: 16

- Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline (1)
- Endocrine and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer Capivasertib-Fulvestrant: ASCO Rapid Guideline Update (1)
- Systemic Therapy for Advanced Hepatocellular Carcinoma: ASCO Guideline Update (1)
- Management of Locally Advanced Rectal Cancer: ASCO Guideline (1)
- Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma: ASCO Guideline (1)

- Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline (2)
- Management of Fatigue in Adult Survivors of Cancer: ASCO-SIO Guideline Update (1)
- Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline, Version 2023.3 (2)
- Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline, Version 2023.3 (2)
- Systemic Therapy for Small-Cell Lung Cancer: ASCO Guideline Rapid Recommendation Update (2)
- Management of Stage III Non-Small Cell Lung Cancer: ASCO Rapid Guideline Update (2)



## **ASCO Guidelines Podcast Series**

Episodes Released in 2024: 21

Unique Downloads in 2024: 62,461\* IAB Downloads in 2024: 61,358\*

**Total Unique Downloads All-Time:** 464,911

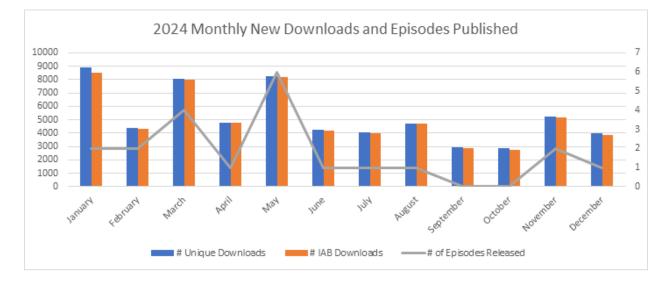
## Total IAB Downloads (starting 7/12/19): 393,334

\*The ASCO Guidelines Podcast Series saw decreased downloads in 2024, a trend attributed to industry-wide download reductions following Apple's iOS podcast updates and the discontinuation of Google Podcasts in April.

#### Feedback

Apple Podcasts: 4.6 out of 5 stars (43 ratings) Spotify: 5.0 out of 5 stars (6 ratings)

2024 Monthly Downloads				
Month	# of Unique Downloads	# of Episodes Released		
January	1924	2		
February	4365	2		
March	8064	4		
April	4786	1		
May	8270	6		
June	4237	1		
July	4051	1		
August	4739	1		
September	2950	0		
October	2856	0		
November	5213	2		
December	4006	1		

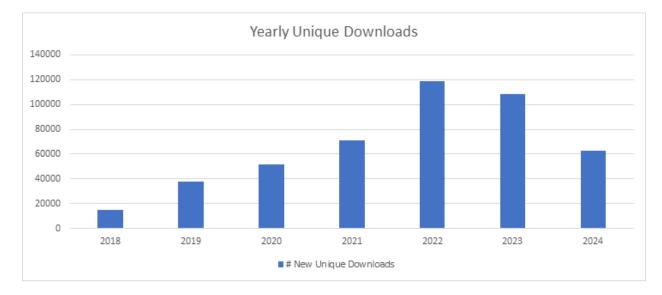


#### Top Downloaded Episodes in 2024:

- 1. Management of Locally Advanced Rectal Cancer Guideline: 3,082 downloads released 8/8/24
- Systemic Treatment of Patients with Metastatic Breast Cancer Resource-Stratified Guideline:
  2,958 downloads released 1/10/24
- 3. Germline Testing in Patients with Breast Cancer: ASCO-SSO Guideline: 2,437 downloads released 1/4/24
- 4. Systemic Therapy for Advanced Hepatocellular Carcinoma Guideline Update: **2,218 downloads** *released 3/19/24*
- 5. Therapy for Stage IV NSCLC With Driver Alterations: ASCO Living Guideline Update 2024.1: **2,137** downloads released 5/30/24

#### Yearly Unique Downloads

- **2018:** 14,988
- **2019:** 37,742
- **2020:** 51,415
- **2021:** 71,137
- **2022:** 118,846
- **2023:** 108,322
- **2024:** 62,461



Average # of Downloads of a New Episode in the First 30 Days

- **2018:** 354.29
- **2019:** 969.47
- **2020:** 1039.52
- **2021:** 1038.52
- **2022:** 1464.40
- **2023:** 1568.33
- **2024:** 1322.09

## 2025 Downloads by Country (Top 5)

- United States: 31,782
- Australia: 2,620
- **Canada:** 2,589
- Japan: 1,481
- India: 2,243

The Difference Between IAB and Unique Downloads

IAB: is an acronym for the "Interactive Advertising Bureau" – an organization that has developed a series of industry standards to define what counts as a download.

- The IAB-certified metric applies the following filters:
- Applying IP address blacklists Removes downloads coming from IP addresses blacklisted for behavior not consistent with a website visitor or podcast listener (for example, a server caching content).
- Applying User Agent blacklists Removes user agents that are known bots (computer programs that operate as an agent for a user or other program or to simulate a human activity).
- Ensures that at least one minute of playable content is downloaded.

UNIQUE: The Unique downloads algorithm accounts for two important pieces of information: IP Address and User Agent (Apple Podcasts, Chrome, etc.)

## **Guidelines Pocketcards**

Provided by Guideline Central

Number of New Titles Completed: 15 + 5 rapid updates Number of Hard Copies Distributed: 5,971 Number of Online Viewers: 31,231 Members Who Claimed Free Access: 577

ASCO 2024 Pocketcard Titles:

- Germline Testing in Patients with Breast Cancer
- Systemic Treatment of Patients with Metastatic Breast Cancer
- Stage IV Non-Small Cell Lung Cancer without Driver Alterations
- Cannabis and Cannabinoids in Adults with Cancer
- Vaccination of Adults with Cancer
- Systemic Therapy for Advanced Hepatocellular Carcinoma
- Survivorship Care for People Affected by Advanced or Metastatic Cancer
- Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy
- Palliative Care for Patients with Cancer
- Management Of Fatigue in Adult Survivors of Cancer
- Selection of Germline Genetic Testing Panels in Patients with Cancer
- Antineoplastic Therapy Administration Safety Standards for Adult and Pediatric Oncology
- Management of Locally Advanced Rectal Cancer
- Therapy for Stage IV Non-Small-Cell Lung Cancer With Driver Alterations
- Systemic Therapy for Stage I–III Anal Squamous Cell Carcinoma

Rapid Updates:

- Endocrine Treatment and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer
- Biomarkers for Systemic Therapy in Metastatic Breast Cancer
- Management of Stage III Non-Small Cell Lung Cancer
- Selection of Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer
- Systemic Therapy for Small Cell Lung Cancer

## Current Guidelines Landscape

## All Published Guidelines (as of 2/24/24):

## **Breast Cancer**

- Management of Hereditary Breast Cancer
- Management of Male Breast Cancer
- Adjuvant Endocrine Therapy for Women with Hormone Receptor–Positive Breast Cancer
- Systemic Therapy for Patients with Advanced Human Epidermal Growth Factor Receptor 2– Positive Breast Cancer
- Management of Advanced Human Epidermal Growth Factor Receptor 2-Positive Breast Cancer and Brain Metastases
- Integrative Therapies During and After Breast Cancer Treatment
- Human Epidermal Growth Factor Receptor 2 Testing in Breast Cancer
- Estrogen and Progesterone Receptor Testing in Breast Cancer
- Breast Cancer Follow-Up and Management After Primary Treatment: American Society of Clinical Oncology Clinical Practice Guideline Update
- Chemo- and Targeted Therapy for Women with HER2 Negative (or unknown), Advanced Breast Cancer
- Use of Biomarkers to Guide Decisions on Systemic Therapy for Women with Metastatic Breast Cancer
- Breast Cancer Survivorship
- Endocrine Therapy for Hormone-Receptor Positive Advanced Breast Cancer
- Postmastectomy Radiotherapy
- Sentinel Lymph Node Biopsy for Patients with Early-Stage Breast Cancer
- Adjuvant Bisphosphonates and other Bone-Modifying Agents in Non-metastatic Breast Cancer
- Use Of Biomarkers to Guide Decisions on Adjuvant Systemic Therapy for Women With Early-Stage Invasive Breast Cancer
- The Role of Bone Modifying Agents in Metastatic Breast Cancer
- HER2 Testing in Breast Cancer
- Selection of Optimal Adjuvant Chemotherapy and Targeted Therapy for Early Breast Cancer
- Systemic Therapy for Patients with Advanced HER2-positive Breast Cancer
- Recommendations on Disease Management for Patients with Advanced HER2-Positive Breast Cancer and Brain Metastases
- Adjuvant Endocrine Therapy for Women with Hormone Receptor-Positive Breast Cancer Update
- Use of Endocrine Therapy for Breast Cancer Risk Reduction
- Neoadjuvant Chemotherapy, Endocrine Therapy, and Targeted Therapy for Breast Cancer
- Management of the Axilla in Early-Stage Breast Cancer
- Chemo- and Targeted Therapy for Patients with HER2-Negative Metastatic Breast Cancer That is Either Endocrine-Pretreated or Hormone Receptor-Negative

- Endocrine Treatment and Targeted Therapy for HR-Positive, HER2-Negative Metastatic Breast Cancer
- Biomarkers for Adjuvant Endocrine and Chemotherapy in Early-Stage Breast Cancer
- Biomarkers for Systemic Therapy in Metastatic Breast Cancer
- Human Epidermal Growth Factor Receptor 2 Testing in Breast Cancer Update
- Germline Testing in Patients with Breast Cancer
- Systemic Treatment of Patients with Metastatic Breast Cancer

## **Gastrointestinal Cancer**

- Systemic Therapy for Advanced Hepatocellular Carcinoma
- Treatment of Locally Advanced Esophageal Carcinoma
- Treatment of Patients with Late-Stage Colorectal Cancer Resource-Stratified Guideline
- Early Detection for Colorectal Cancer Resource-Stratified Guideline
- Treatment of Patients with Early-Stage Colorectal Cancer Resource-Stratified Guideline
- Adjuvant Chemotherapy for Stage II Colon Cancer
- Locally Advanced Pancreatic Cancer
- Metastatic Pancreatic Cancer Update
- Adjuvant Therapy for Resected Biliary Tract Cancer
- Duration of Oxaliplatin-containing Adjuvant Therapy for Stage III Colon Cancer
- Potentially Curable Pancreatic Adenocarcinoma
- Adjuvant Therapy for Stage II Colon Cancer
- Treatment of Metastatic Colorectal Cancer
- Immunotherapy and Targeted Therapy for Advanced Gastroesophageal Cancer: ASCO Guideline
- Systemic Therapy for Tumor Control in Metastatic Welldifferentiated Gastroenteropancreatic Neuroendocrine Tumors
- Management of Locally Advanced Rectal Cancer
- Systemic Therapy for Stage I-III Anal Squamous Cell Carcinoma

## **Genitourinary Cancer**

- Molecular Biomarkers in Localized Prostate Cancer
- Optimizing Anticancer Therapy in Metastatic Non-castrate Prostate Cancer
- Androgen-Sensitive Metastatic, Recurrent, or Progressive Prostate Cancer
- Uses of Serum Tumor Markers in Adult Males with Germ Cell Tumors
- Screening for Prostate Cancer with Prostate-Specific Antigen (PSA) Testing
- Systemic Therapy in Men with Metastatic Castration-Resistant Prostate Cancer
- Active Surveillance for the Management of Localized Prostate Cancer
- Management of Small Renal Masses
- Brachytherapy for Patients with Prostate Cancer
- Second—Line Hormonal Therapy for Castration-Resistant Prostate Cancer PCO

- Treatment of Non-Metastatic Muscle-Invasive Bladder Cancer: AUA/ASCO/ASTRO/SUO Guideline
- Optimizing anti-cancer therapy in non-castrate metastatic prostate cancer
- Clinically Localized Prostate Cancer
- Hypofractionated Radiation Therapy for Localized Prostate Cancer
- Molecular and Cellular Diagnostics in Localized Prostate Cancer
- Optimum Imaging Strategies for Advanced Prostate Cancer
- Bone Health and Bone-targeted Therapies for Prostate Cancer
- Initial Management of Non-Castrate Advanced, Recurrent or Metastatic Prostate Cancer
- Management of Metastatic Clear Cell Renal Cell Carcinoma
- Penile Cancer 2023 Update
- Initial Management of Noncastrate Advanced, Recurrent, or Metastatic Prostate Cancer: ASCO Guideline Update

## **Gynecologic Cancer**

- PARP Inhibitors in the Management of Ovarian Cancer
- Primary Prevention of Cervical Cancer Resource-Stratified Guideline
- Secondary Prevention of Cervical Cancer Resource-Stratified Guideline
- Neoadjuvant Chemotherapy for Ovarian Cancer
- Management and Care of Women with Invasive Cervical Cancer Resource-Stratified Guideline
- Germline and Somatic Tumor Testing in Epithelial Ovarian Cancer
- Assessment of Adult Women with Ovarian Masses and Treatment of Epithelial Ovarian Cancer: Resource Stratified Guideline

## Head and Neck Cancer

- Chemotherapy in Combination with Radiotherapy for Definitive-intent Treatment of Stage II to IVA Nasopharyngeal Carcinoma
- Diagnosis and Management of Squamous Cell Carcinoma of Unknown Primary in the Head and Neck
- Role of Treatment Deintensification in the Management of p16+ Oropharyngeal Cancer
- Management of the Neck in Squamous Cell Carcinoma of the Oral Cavity and Oropharynx
- Use of Larynx-Preservation Strategies in the Treatment of Laryngeal Cancer
- Management of the neck in newly diagnosed squamous cell head and neck cancer
- De-escalation Protocols in the Management of p16+ Oropharyngeal Cancer
- Management of Salivary Gland Management
- Immunotherapy and Biomarker Testing in Recurrent and Metastatic Head and Neck Cancers
- Hematologic Malignancies
- Role of Bone-Modifying Agents in Multiple Myeloma
- Treatment of Multiple Myeloma

• Prevention and Management of Osteoradionecrosis in Patients with Head and Neck Cancer Treated with Radiation Therapy

## Melanoma

- Systemic Therapy for Melanoma
- Sentinel Lymph Node Biopsy and Management of Regional Lymph Nodes in Melanoma
- Systemic Therapy for Melanoma Update

## **Molecular Testing and Biomarkers**

- Estrogen and Progesterone Receptor Testing in Breast Cancer
- Use of Biomarkers to Guide Decisions on Adjuvant Systemic Therapy for Women with Early-Stage Invasive Breast Cancer
- Human Epidermal Growth Factor Receptor 2 Testing in Breast Cancer
- Circulating Tumor DNA Analysis in Patients with Cancer: An ASCO/CAP Joint Review
- Somatic and Genomic Testing in Patients with Metastatic or Advanced Cancer
- Biomarkers for Adjuvant Endocrine and Chemotherapy in Early-Stage Breast Cancer
- Biomarkers for Systemic Therapy in Metastatic Breast Cancer
- Selection of Germline Genetic Testing Panels in Patients with Cancer: ASCO Guideline

## Neuro-Oncology

- Recommendations on Disease Management for Patients with Advanced Human Epidermal Growth Factor Receptor 2–Positive Breast Cancer and Brain Metastases
- Anticonvulsant Prophylaxis and Steroid Use in Adults with Metastatic Brain Tumors
- Therapy for Diffuse Astrocytic and Oligodendroglial Tumors in Adults
- Treatment for Brain Metastases

## Patient and Survivor Care

- Palliative Care in the Global Setting Resource-Stratified Guideline
- Chronic Pain in Cancer Survivors
- Patient-Clinician Communication
- Interventions to Address Sexual Problems in People with Cancer Adaptation
- Prevention and Monitoring of Cardiac Dysfunction in Survivors of Adult Cancers
- Fertility Preservation Patients with Cancer
- Screening, Assessment and Management of Fatigue in Adult Survivors of Cancer Adaptation
- Screening, Assessment, and Care of Anxiety and Depressive Symptoms in Adults with Cancer Adaptation
- Prevention and Management of Chemotherapy-Induced Peripheral Neuropathy in Survivors of Adult Cancers
- Management of Osteoporosis in Survivors of Adult Cancers with Non-Metastatic Disease
- Integrative Medicine for Pain Management in Oncology

- Management of Anxiety and Depression in Adult Survivors of Cancer: ASCO Guideline Update
- Integrative Oncology Care of Symptoms of Anxiety and Depression in Adults with Cancer: SIO-ASCO Guideline
- Drug Shortages in Oncology: ASCO Clinical Guidance for Alternative Treatments

## **Resource-Stratified/Global**

- Treatment of Patients with Late-Stage Colorectal Cancer Resource-Stratified Guideline
- Early Detection for Colorectal Cancer Resource-Stratified Guideline
- Treatment of Patients with Early-Stage Colorectal Cancer Resource-Stratified Guideline
- Management and Care of Women with Invasive Cervical Cancer
- Cervical Cancer Secondary Prevention/early disease
- Cervical Cancer Primary Prevention
- Palliative Care in the Global Setting
- Assessment of Adult Women with Ovarian Masses and Treatment of Epithelial Ovarian Cancer: Resource-Stratified Guideline
- Systemic Treatment of Patients with Metastatic Breast Cancer: ASCO Resource-Stratified Guideline

## Supportive Care and Treatment-Related Issues

- Metastatic Carcinoma and Myeloma of the Femur
- Hepatitis B Virus Screening and Management for Patients with Cancer Prior to Therapy
- Management of Cancer Cachexia
- Use of Chemotherapy and Radiation Therapy Protectants
- Appropriate Chemotherapy Dosing for Obese Adult Patients with Cancer
- Central Venous Catheter Care for the Oncology Patient
- Hepatitis B Virus Screening for Patients with Cancer Prior to Therapy
- Use of White Blood Cell Growth Factors:
- Antiemetics
- The Integration of Palliative Care into Standard Oncology Care
- Platelet Transfusion for Patients with Cancer
- Patient-Clinician Communication
- Management of Immune-Related Adverse Events in Patients Treated with Immune Checkpoint Inhibitor Therapy
- Outpatient Management of Fever and Neutropenia in Adults Treated for Malignancy
- Practical Assessment and Management of Vulnerabilities in Older Patients Receiving Chemotherapy
- Antimicrobial Prophylaxis in Immunocompromised Patients
- Management of Cancer-associated Anemia with Erythropoiesis-Stimulating Agents (ASCO/ASH)
- Medication-Related Osteonecrosis of the Jaw
- Venous Thromboembolism Prophylaxis and Treatment in Patients with Cancer

- Management of Dyspnea in Advanced Cancer
- Appropriate Systemic Therapy Dosing for Obese Adult Patients with Cancer
- Salivary Gland Hypofunction and/or Xerostomia Induced by Non-Surgical Cancer Therapies
- Management of Immune-Related Adverse Events in Patients Treatment with Chimeric Antigen Receptor (CAR) T-Cell Therapy
- Exercise, Diet, and Weight Management During Cancer Treatment
- Venous Thromboembolism Prophylaxis and Treatment in Patients with Cancer: ASCO Guideline Update
- Practical Assessment and Management of Vulnerabilities in Older Patients Receiving Systemic Cancer Therapy: ASCO Guideline Update
- Cannabis and Cannabinoids in Adults with Cancer: ASCO Guideline
- Vaccination of Adults with Cancer: ASCO Guideline

## **Thoracic Cancer**

- The role of CT screening for lung cancer in clinical practice
- Epidermal Growth Factor Receptor (EGFR) Mutation Testing for People with Advanced Non-Small Cell Lung Cancer Considering an EGFR Tyrosine-Kinase (TKI) Inhibitor
- Therapy for Stage IV Non-Small Cell Lung Cancer without Driver Alterations
- Treatment of Malignant Pleural Mesothelioma
- Lung Cancer Surveillance After Definitive Curative-Intent Therapy
- Adjuvant Chemotherapy and Adjuvant Radiation Therapy for Stages I-IIIA Resectable Non-Small Cell Lung Cancer
- Radiation Therapy for Small Cell Lung Cancer
- Management of Stage III NSCLC
- Therapy for Stage IV Non-Small Cell Lung Cancer With Driver Alterations: ASCO Living Guideline
- Therapy for Stage IV Non-Small Cell Lung Cancer Without Driver Alterations: ASCO Living Guideline
- Systemic Therapy for SCLC: ASCO-Ontario Health (Cancer Care Ontario) Guideline

## Standards

- Chemotherapy Administration Safety Standards, Including Standards for Pediatric Oncology
- Safe Handling of Hazardous Drugs: ASCO Standards
- Patient-Centered Standards for Medically Integrated Dispensing
- Oncology Medical Home: ASCO and COA Standards
- Telehealth in Oncology: ASCO Standards and Practice Recommendations
- Survivorship Care for People Affected by Advanced or Metastatic Cancer

## Guideline Priorities 2024-2025

## **Breast Cancer**

- 1. Update: Endocrine Treatment and Targeted Therapy for HR+, HER2-negative Metastatic Breast Cancer AND Update: Biomarkers for Systemic Therapy in Metastatic Breast Cancer
- 2. Update: Disease Management for Patients with Advanced HER2–positive Breast Cancer and Brain Metastases
- 3. New Topic: Management of Regional Nodes in Breast Cancer
- 4. New Topic: Timing and Appropriateness of Locoregional Therapy in Stage IV Breast Cancer

## **Gastrointestinal Cancer**

- 1. Update: Systemic Therapy for Locally Advanced Esophageal Cancer
- 2. Update: Treatment of Metastatic Colorectal Cancer
- 3. De Novo: Local and Regional Therapies, Including Adjuvant Therapy, for Locally Advanced HCC
- 4. De Novo: Local and Regional Therapies for Biliary Tract Cancer
- 5. Update: Treatment of Locally Advanced Pancreatic Cancer

## **Genitourinary Cancer**

- 1. Update: Optimum Imaging Strategies for Advanced Prostate Cancer
- 2. Update: Active Surveillance for the Management of Localized Prostate Cancer
- 3. New: Management of toxicities in targeted therapies for GU cancers
- 4. Update: Molecular Biomarkers in Localized Prostate Cancer

## Global

- 1. Update: Treatment of Invasive Cervical Cancer
- 2. New: Treatment of Patients with Endometrial Cancer
- 3. New: Survivorship Care in Adolescents, Young Adults, and Adults

## **Gynecologic Cancer**

- 1. New: Adjuvant therapy in endometrial cancer in the molecular era and Radiation therapy in endometrial cancer
- 2. Update: Germline and Somatic Testing for Ovarian
- 3. New: Immunotherapy in the treatment of advanced and recurrent uterine cancer
- 4. New: Management of locally advanced cervical cancer

## **Head and Neck Cancer**

- 1. New: Management of advanced cutaneous squamous cell of the H&N
- 2. Update: Role of Treatment Deintensification in the Management of p16+ Oropharyngeal Cancer
- 3. New: Follow up and surveillance (imaging, tissue-based biomarker) of patients with HN cancers
- 4. New: Management of head and neck cancers in the older adults (80+) and/or frail patient population

5. Update: Management of the Neck in Squamous Cell Carcinoma of the Oral Cavity and Oropharynx

## **Hematological Malignancies**

- NEW: Management of Side Effects from Immune Effector Cell Therapy. This will be a joint project with the Supportive Care GAG and will be at least a partial update of this previous 2021 ASCO guideline that was limited to CART-T.
- 2. NEW: Risk-based Management of MDS
- 3. NEW: Treatment of Relapsed/Refractory Aggressive Lymphomas

## Multi-Site

- 1. Rapid Update: Therapy for Diffuse Astrocytic and Oligodendroglial Tumors in Adults
- 2. New: Treatment of Leptomeningeal Metastases
- 3. New: Systemic Therapy for non-melanoma skin cancer guideline (Note: Panel may restrict scope of topic to a narrower range of cancers if they determine this topic is too broad.)

## **Supportive Care**

- 1. New: Managing Cancer- and Treatment-Related Cognitive Impairment
- 2. Update: Antiemetics
- 3. Update: Outpatient Management of Fever and Neutropenia in Adults Treated for Malignancy with scope expansion of inpatient setting.
- 4. Update: Antimicrobial Prophylaxis for Adult Patients with Cancer-Related Immunosuppression
- 5. New: Addressing the Needs of Caregivers of People with Cancer

## **Patient & Survivor Care**

- 1. Update: Sexual Health Guideline
- 2. New: Cancer Type-Agnostic Survivorship Guidelines
- 3. Update: Prevention and Monitoring of Cardiac Dysfunction Guideline

## **Thoracic Cancer**

- 1. Update: Neoadjuvant and adjuvant Chemotherapy and Radiation Therapy for Stages I-IIIA Resectable Non-Small Cell Lung Cancer
- 2. New: Prevention, diagnosis and management of treatment induced pneumonitis
- 3. New: Management of Stage I Non-Small Cell Lung Cancer
- 4. New: Management of Multifocal Lung Adenocarcinoma
- 5. New: Comprehensive management of long-term treatment toxicity, symptom burden, and secondary malignancies in patients with lung cancer

## **Collaborating Organizations**

- American Academy of Hospice and Palliative Medicine
- American Cancer Society
- American College of Cardiology
- American College of Chest Physicians
- American College of Radiology
- American Heart Association
- American Society for Clinical Pathology
- American Society for Radiation Oncology
- American Society of Echocardiography
- American Society of Hematology
- American Urological Association
- Association for Molecular Pathology
- Cancer Care Ontario
- Centers for Disease Control and Prevention
- College of American Pathologists
- Congress of Neurological Surgeons
- European Association of Urology
- European Society of Medical Oncology
- Hematology/Oncology Pharmacy Association
- Hospice & Palliative Nurses Association
- Infectious Diseases Society of America
- International Association for the Study of Lung Cancer
- International Society of Oral Oncology
- Multinational Association of Supportive Care in Cancer
- Musculoskeletal Tumor Society
- National Cancer Institute Physician Data Query
- National Community Oncology Dispensing Association
- National Comprehensive Cancer Network
- Oncology Nursing Society
- Pediatric Oncology Group of Ontario
- Society for Immunotherapy of Cancer
- Society for Integrative Oncology
- Society for Neuro-Oncology
- Society of Abdominal Radiology
- Society of Gynecologic Oncology
- Society of Surgical Oncology
- Society of Urologic Oncology
- Society of Nuclear Medicine and Molecular Imaging
- U.S. Food and Drug Administration