



# Data Acquisition, Quality Control, Education & Training Program Summary

Megsys Herna, BA, ODS

FCDS 2024 Virtual Annual Meeting

April 30, 2025



# Data Acquisition, Quality Control, Education & Training Program Summary

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- Field Coordinators
- Reporting Sources
- Reporting Compliance
  - Completeness/Timeliness
- 2023 Admission Counts
- Radiation Treatment Facilities Reporting Process
  - 2023 Follow Back
- Specialty Reporting Sources Update
- QC Summary
- Education and Training Program
- Future Deadlines

# Data Acquisition Field Coordinators

## Hospitals

Edith Alvin

Anne Auguste, CTR

Ofelia Fernandez, CTR

Brenda Lopez, CTR

Sasha Raju, MBBS, MPH, CTR

Majima Jain, MBA

Dawn Mason, ODS

Rhonda Buchenhain, BS, RHIA, ODS

## Ambulatory Surgery Centers/Out of State Data Exchange

Carlos Alvarez, OMD, BHSc, AP, BBA

## Radiation Treatment Facilities

Saskia (Sam) Angel

## Path Labs/Private Physicians

Livia Harding, BS

# Florida Reporting Sources in 2024

Reporting Source	# of Registered Facilities
Hospitals	239
Radiation Treatment Centers	93
Ambulatory Surgery Centers	523
Pathology Labs (CLIA's)	438
Hematology/Oncology	582
Hematologists	31
Oncologists	210
Urologists	497
Dermatologists	1375
Other Specialty Physicians	2826
<b>Total</b>	<b>6,814</b>

# FCDS Annual Reporting Deadline 2023 Cases

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- June 30, 2024
- FCDS is no longer accepting v23 XML files



# FCDS Annual Reporting Deadline 2024 Cases



Patient Encounter for Cancer	Case Should Be Reported
ALL 2023 CASES DUE 6/30/2024	
January 2024	July 2024
February 2024	August 2024
March 2024	September 2024
April 2024	October 2024
May 2024	November 2024
June 2024	December 2024
July 2024	January 2025
August 2024	February 2025
September 2024	March 2025
October 2024	April 2025
November 2024	May 2025
December 2024	June 2025
<b>DEADLINE EXTENDED ALL 2024 CASES DUE 10/31/2025</b>	

# Reporting Completeness Report

The figures shown below reflect initial patient encounters (admissions) for cancer by year.

Admission Year	Hospital	Radiation	AmbiSurg	Dermatology	Physicians Claims	DCO	Total Cases	New Cases	Tumors
2024	138,904	2,568	578	12,135	359	Pending	154,544	18,969	75,597
2023	265,529	5,252	819	16,014	25,000	Pending	312,614	4,143	163,359
2022	266,835	7,115	2,298	14,498	33,058	2,100	325,904	405	174,666

	Actual	Expected*	Expected**
2024	62%	83%	58%
2023	100%	100%	100%
2022	100%	100%	100%

\* Expected % based on 250,000 reported cases per year

\*\* Tumors Expected % based on 130,000 tumors per year as of 4/26/2025 12:03:17 PM (based on DX Date)

# Non-Compliant Hospitals & Radiation Treatment facilities-2023 Cases

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- 23 hospitals
- 66 radiation treatment facilities
- Facilities were reported to DOH the first week of April 2025
- You Must Certify Complete



# Radiation Treatment Facilities

Option 1: Proactive Case Reporting

Option 2: Two-step process to lessen the burden due to limited resources and case count

## 1. Casefinding

- The facility must create a file of all patient encounters that contain a reportable ICD10 code
  - 12 data items for each patient
- Upload file to FCDS via FCDS IDEA
- FCDS then links these encounters with the FCDS database after the Annual Reporting Deadline

## 2. Follow Back unmatched patients to the Radiation Treatment facility

- **Must submit a full cancer case abstract for missed cases**
- **Must account for the non reportable cases**

# Radiation Treatment Facilities 2023 Data Reporting Status

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- Follow Back
  - 7,094 cases
  - 352, 5% completed
  - **4,868 cases still pending review**
  - **Deadline was 12/31/2024, but was extended thru 3/31/2025**

# Specialty Physicians Electronic Reporting



Pathology Labs



Private  
Physicians



Dermatology  
Offices

# Private Practice Physicians Medical Claims 2024 Update

Oncologists



1,320 private physicians registered with FCDS (not including Dermatologists)

Urologists  
Hematology/Oncologists  
Hematologists



Over 260 physicians registered since 2023  
717 registered private physicians are reporting medical claims



5010 Claim Reporting Format



Over 6.4 million medical claims reported to FCDS in 2024



All Done via FCDS IDEA



PACS- Processing Abstracts from Claims System



CAPIS- Claims Abstract Pathology Integration System

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HEALTH INSURANCE CLAIM FORM  
ADOPTED BY NATIONAL UNIFORM CLAIM COMMITTEE 0805

PATIENT AND INSURED INFORMATION

1. PATIENT'S NAME (Last Name, First Name, Middle Initial)  
2. PATIENT'S BIRTH DATE  
3. PATIENT'S SEX  
4. INSURED'S NAME (Last Name, First Name, Middle Initial)  
5. PATIENT'S RELATIONSHIP TO INSURED  
6. PATIENT STATUS  
7. INSURED'S ADDRESS (No., Street)  
8. PATIENT STATUS  
9. PATIENT'S EMPLOYMENT  
10. IS PATIENT'S CONDITION RELATED TO:  
11. INSURED'S POLICY GROUP OR FECA NUMBER  
12. INSURED'S DATE OF BIRTH  
13. INSURED'S OR AUTHORIZED PERSON'S SIGNATURE  
14. INSURANCE PLAN NAME OR PROGRAM NAME  
15. IS THERE ANOTHER HEALTH BENEFIT PLAN?  
16. DATES PATIENT UNABLE TO WORK IN CURRENT OCCUPATION  
17. HOSPITALIZATION DATES RELATED TO CURRENT SERVICES  
18. OUTSIDE LAB? CHARGES  
19. MEDICAD RESUBMISSION CODE ORIGINAL REF. NO.  
20. PRIOR AUTHORIZATION NUMBER

PHYSICIAN OR SUPPLIER INFORMATION

21. DATE(S) OF SERVICE  
22. PROCEDURE(S), SERVICE(S), OR SUPPLIES  
23. DIAGNOSIS  
24. CHARGES  
25. TOTAL CHARGE  
26. AMOUNT PAID  
27. BALANCE DUE  
28. SIGNATURE OF PHYSICIAN OR SUPPLIER  
29. SERVICE FACILITY LOCATION INFORMATION  
30. BILLING PROVIDER INFO & PH#

31. SERIAL TAX I.D. NUMBER  
32. SSN, EIN  
33. PATIENT'S ACCOUNT NO.  
34. ACCEPT ASSIGNMENT?  
35. SIGNATURE OF PHYSICIAN OR SUPPLIER  
36. SERVICE FACILITY LOCATION INFORMATION  
37. BILLING PROVIDER INFO & PH#

38. DATE  
39. DATE  
40. DATE

© Instruction Manual available at: www.nuicc.org APPROVED OMB-0908-0999 FORM CMS-1500 (08-05)

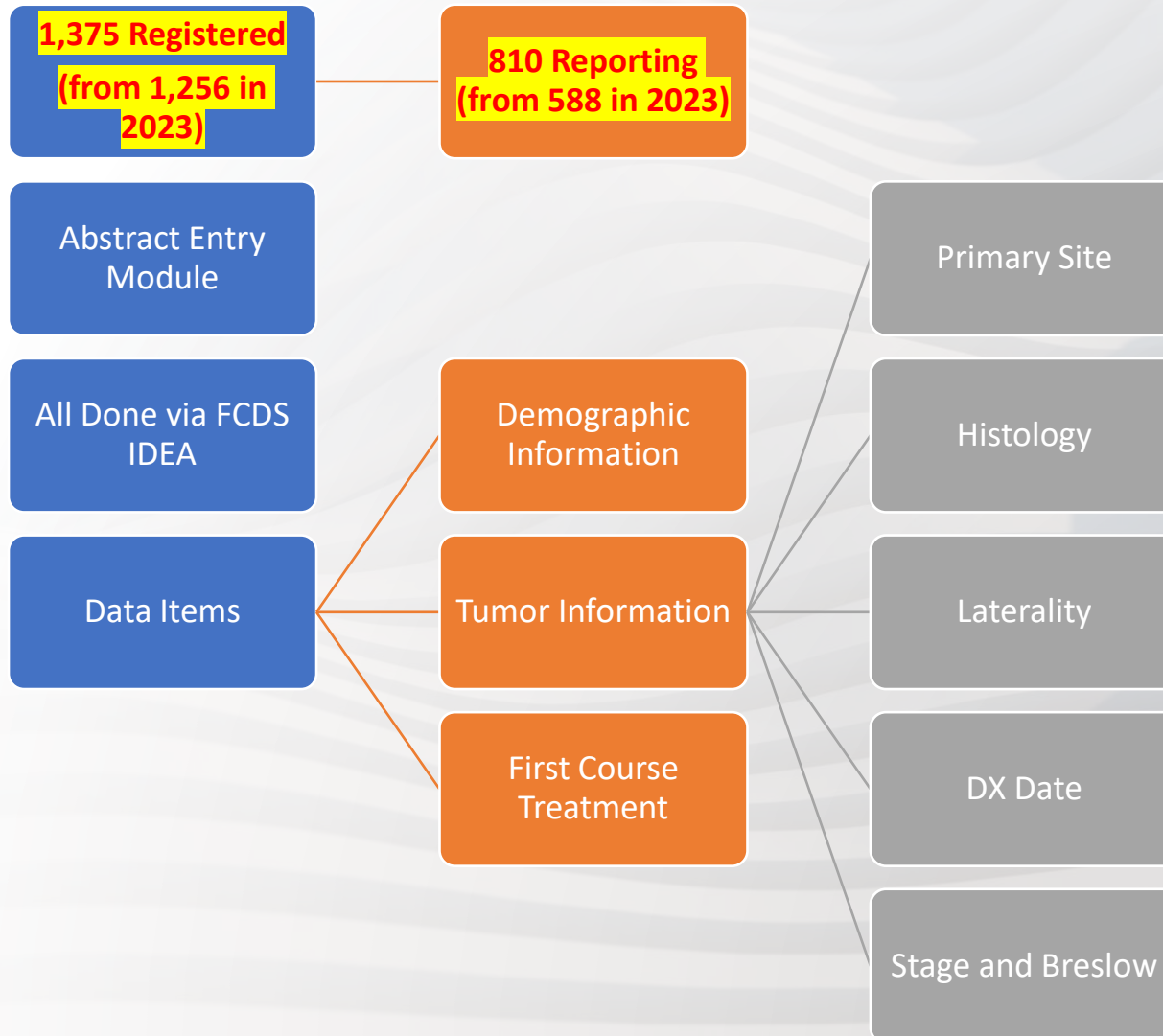
# Treatment Augmentation Records

Year	Count
1987	1
2000	1
2004	1
2005	1
2006	3
2007	5
2008	15
2009	62
2010	2,295
2011	5,143
2012	6,948
2013	13,865
2014	17,117
2015	14,972
2016	14,240
2017	9,603
2018	11,287
2019	11,743
2020	12,574
2021	14,305
2022	13,493
2023	549
Total:	148,223

# New Cancers

Site	Count
1993	1
1994	1
1997	1
1998	1
2001	1
2002	2
2004	60
2005	71
2006	171
2007	334
2008	504
2009	685
2010	1,702
2011	8,147
2012	5,048
2013	13,961
2014	12,501
2015	14,882
2016	17,287
2017	16,013
2018	14,407
2019	14,141
2020	15,952
2021	21,451
2022	17,583
2023	2,159
Total	177,069

# Private Dermatology Physician Offices 2024 Update



# FCDS Data Quality Program

- QC & Education Staff
- Quality Control Goals/Components
- Annual Submission Error Rates
- Consolidated Follow Back Annual Audit
- FAPTP Audit
- FCDS Annual Data Quality Indicator Reports



# Quality Control/Education & Training Staff

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- Barbara Dearmon-Neyland, BS, ODS
- Betty Ariza Malanowski, BS, IMG, ODS
- Two independent experienced contractors- ODS

# FCDS Data Quality Program Components

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- FCDS Abstractor Code Requirement
- State-specific Data Edit Checks Summary Reports
- FCDS Text Documentation Requirement
- Internal Visual Editing
- FCDS Annual Data Quality Indicator Report
- FCDS Deadlines & Facility Reports in IDEA
- FCDS Data Quality & Annual Submission Status Reports in IDEA Reports
- Annual External Linkages with FAPTP and BCCEDP
- Annual AHCA & Mortality Casefinding Audits (Consolidated Follow-Back Audit)
- NPCR Data Quality Evaluation
- Technical Questions to the Field Coordinator or FCDS Managers

# 2023 Submission Summary & Field Coordinator Visual Review Summary



Description	# Cases	% of Total
<b>Total Cases Submitted to FCDS 1/1/2023-12/31/2023</b>	<b>318,621</b>	<b>100%</b>
<b>Total Cases that passed all electronic edit checks – No Visual Review by FC or QC</b>	<b>294,105</b>	<b>92%</b>
<b>Total cases that failed electronic edit checks when processed at FCDS</b>	<b>24,516*</b>	<b>8%</b>
<ul style="list-style-type: none"> <li>• FORCED (<i>EDIT Overrides Confirmed, not errors</i>)</li> </ul>	<b>9,168</b>	<b>3%</b>
<ul style="list-style-type: none"> <li>• CORRECTED (<i>1 or more corrections made based on text – NOT a FORCE</i>)</li> </ul>	<b>12,836</b>	<b>4%</b>
<ul style="list-style-type: none"> <li>• DELETED (<i>duplicate case, not a reportable, not a new primary</i>)</li> </ul>	<b>2,512</b>	<b>1%</b>

**\*Cases were visually reviewed by the Field Coordinators.**

# 2023 QC Visual Review Summary

Description	# Cases	% of Total Cases Visually Reviewed
Total cases visually reviewed by FCDS QC Contractor	15,731	4.94%**
Total cases with no change after QC Visual Review	10,623	67.5%
Total Cases Sent to Facility with Corrections or Inquiries	5,108	32.5%
NO CHANGE after Follow-Back to Facility	595	4%
FORCED (EDIT Overrides Confirmed, not errors)	133	1%
CORRECTED (one or more corrections made, not a Force)	4,262	27%
DELETED (duplicate case, not reportable, not a new primary)	118	.75%

# FCDS Annual Data Quality Indicator Report (DQIR) 2018-2022

Goals	2021		2020		2019		2018		2017		
	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	
	3,118	133,788	3,136	131,436	3,370	141,856	3,242	134,148	3,299	127,894	
<b>Demographics</b>											
Sex											
Sex Unknown (9)	< 2%	0.000	0.087	0.000	0.014	0.030	0.011	0.000	0.013	0.000	0.018
Race											
Race Other, NOS (98)	< 3%	1.539	2.069	2.487	2.008	2.908	1.944	2.252	1.665	2.516	1.740
Race Unknown (99)	< 3%	1.796	1.405	2.742	1.085	2.285	0.917	1.943	0.786	1.637	0.776
Ethnicity											
Ethnicity Unknown (9)	< 3%	1.988	1.689	2.360	1.382	2.018	1.239	2.005	0.954	1.788	1.186
Primary Payor at DX											
Primary Payor Unknown (99)	< 3%	0.096	0.738	0.510	0.874	0.356	1.246	0.401	1.078	0.576	1.393
Tobacco Use											
Tobacco Use - Cigarette Unknown (9)		40.860	30.827	2.742	12.611	0.890	10.810	1.080	10.613	1.910	13.132
Tobacco Use - Other Unknown (9)		44.099	35.174	6.154	19.478	8.487	18.345	2.283	17.458	7.123	19.046
Tobacco Use - Smokeless Unknown (9)		42.976	35.047	5.166	19.139	5.282	17.847	2.067	16.964	5.153	18.708
Tobacco Use - NOS Unknown (9)		44.163	34.531	6.186	19.260	8.546	18.097	2.283	17.396	7.275	18.502
Marital Status at DX											
Marital Status Unknown (9)	< 3%	9.044	2.627	10.778	2.737	9.110	2.388	8.174	2.763	8.275	2.940
Social Security Number											
Missing/Impossible SSN	< 3%	11.899	15.809	12.532	13.544	11.187	12.530	6.909	9.763	4.668	7.796
Address at DX											
Ungeocodable (Certainty 9) <sup>2</sup>	< 2%	0.000	0.002	0.000	0.000	0.000	0.001	0.000	0.002	0.000	0.075
PO Boxes (Certainty 5) <sup>2</sup>	< 2%	5.754	1.297	6.635	1.464	6.242	1.597	7.252	1.692	6.301	1.664
<b>Tumor Characteristics</b>											
Diagnostic Confirmation											
Not Microscopically Confirmed (5-8)	< 5%	6.992	0.111	6.537	0.171	6.528	0.209	8.729	0.318	9.124	0.431
DX Method Unknown (9)	< 5%	0.096	0.169	0.064	0.195	0.030	0.195	0.062	0.270	0.000	0.235
Topography											
Ill-Defined Sites <sup>3</sup>	< 1%	1.636	1.248	1.307	1.400	1.454	1.303	0.833	1.428	1.910	1.640
Histology/Grade											
Morphology Non-specific (8000-8005)	< 5%	0.609	1.684	0.446	1.980	0.682	1.853	0.771	1.933	0.788	2.002
Grade Unknown (excludes C80.9)	< 35%									41.588	35.493
Stage											
Summary Stage <sup>4</sup> Unknown (9)	< 5%	2.405	4.582	2.870	5.120	2.700	5.357	2.097	5.993	3.274	6.814
SSDI											
Grade Clinical Unknown (9)		48.813	43.070	49.139	45.492	48.843	45.522		46.865		
Grade Pathological Unknown (9)		56.318	53.979	57.813	55.091	58.991	54.264		52.927		
Brain Molecular Markers Unknown (99)		4.977	8.521	3.673	9.964	5.093	11.720		16.317		
Breslow Thickness Unknown (XX.9)		16.505	27.527	21.875	27.058	19.444	29.868		30.216		
Estrogen Receptor Summary Unknown (9)		8.065	3.745	5.536	4.123	5.199	3.821		4.023		
Fibrosis Score Unknown (9)		31.776	74.386	4.717	74.025	42.857	75.905		82.405		
HER2 Overall Summary Unknown (9)		21.935	19.420	16.609	19.757	19.266	19.798		20.292		
Microsatellite Instability (MSI) Unknown (9)		45.378	44.978	50.000	49.742	60.645	54.775		59.372		
Progesterone Receptor Summary Unknown (9)		13.226	6.918	9.343	7.030	6.728	6.527		6.509		
PSA Lab Value Unknown (XXX.9)		26.255	10.997	12.500	12.406	4.962	10.943		11.917		
Gleason Pattern Clinical Unknown (X9)		0.386	3.825								
Gleason Pattern Pathological Unknown (X9)		0.386	3.506								
Gleason Tertiary Pattern Unknown (X9)		32.046	34.756								
Gleason Score Clinical Unknown (X9)		0.386	4.029								
Gleason Score Pathological Unknown (X9)		0.386	3.346								
LDH Lab Value Unknown (XXXXX.9)		34.951	79.944	40.625	79.840	32.407	87.649		93.948		

# Consolidated Follow Back Audit Diagnosis Year 2022



42,975 records were identified as missing

Hospitals, Non-hospitals, and Ambulatory Surgery  
Most of them will be not reportable cases

Approximately 11,000 cases were reported to FCDS



Hospitals and Ambulatory Surgery Centers were notified mid May 2024



**Deadline was September 1, 2024**

# Disposition Codes Analysis

2022

Disposition	Count
1	11011
2	1745
3	898
4	8143
5	102
6	3377
7	2369
8	162
9	48
10	1980
12	2576
14	16
15	32
16	73
20	288
21	17
40	20
998	10118
<b>Total:</b>	<b>42,975</b>

2021

Disposition	Count
1	6258
2	1009
3	350
4	4788
5	68
6	2470
7	603
8	92
9	41
10	1093
12	3999
13	4
14	12
15	2
16	24
20	138
40	34
998	28755
<b>Total:</b>	<b>49,740</b>

2020

Disposition	Count
1	13819
2	2550
3	940
4	8733
5	245
6	3865
7	706
8	289
9	66
10	1504
12	7038
14	22
15	3
16	59
20	688
21	51
40	65
998	7137
<b>Total:</b>	<b>47,780</b>

2019

Disposition	Count
1	10600
2	2403
3	1041
4	8747
5	213
6	4572
7	2216
8	343
9	65
10	1541
12	7606
13	5
14	40
15	8
16	68
20	503
21	42
40	79
998	7986
<b>Total:</b>	<b>48,078</b>

# FAPTP Audit Diagnosis Year 2022

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1. Quality Control
  - 938 abstracts reviewed for discrepancies
2. Casefinding
  - 147 records identified as missing
  - FB to hospital
  - 78 records reported to FCDS
  - 66 records not reportable
  - 3 records not completed by one hospital

## Facility

1100-SHANDS UNIVERSITY OF FLORIDA
1606-MEMORIAL REGIONAL CANCER CENTER
2305-JAMES M JACKSON MEMORIAL HOSPITAL
2336-BAPTIST HOSPITAL MIAMI
2359-NICKLAUS CHILDREN'S HOSPITAL
2647-NEMOURS CHILDRENS HOSPITAL
2672-WOLFSON CHILDRENS HOSP NCC
3937-ST JOSEPH HOSPITAL
4605-LEE MEMORIAL HEALTH SYSTEM
5836-ADVENTHEALTH ORLANDO - SOUTH
5848-ORLANDO HEALTH CANCER INSTITUTE
6036-ST MARYS MEDICAL CENTER
6246-JOHN HOPKINS ALL CHILDRENS HOSPITAL





# NPCR Data Quality Evaluation

## Stay Tuned for Results!

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- NPCR Data Quality Evaluation
  - Initiation call with CDC was in August 2024
  - Hematopoietic cases
    - DX 2021
  - Non-malignant brain cases
    - DX 2019-2021
  - Results and Debriefing
    - June 2025

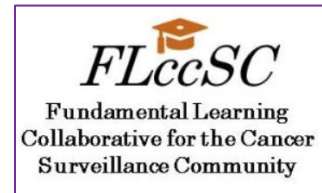
# FCDS Education & Training Program

- FCDS Data Quality Program Methods
- National and FCDS Data Quality Standards
- Review of New Data Items
- Changes to Abstracting Requirements and Instructions
- Visual Review Editing Results
- Casefinding Audits Results
- FCDS Data Quality Audits Results
- NPCR Data Quality Evaluation Results
- FCDS DQIR Results
- Cancer Site/Type Presentations
- New Topics in Cancer Care (Screening, Diagnosis, Treatment)
- FCRA-FCDS Task Force Input
- Technical questions from Registrars
- Requests from Registrars and Managers



# FCDS Education & Training Program Components

- FCDS Virtual Annual Conference
- FCDS Webcasts
- NAACCR Cancer Webinar Series
- NAACCR ODS Exam Prep Webinars
- FCDS Memo- New format
- FLccSC
  - FCDS Abstractor Code Test
  - FCDS Webcast Series – CEUs
  - NAACCR Webinar Series Recordings - CEUs
  - NPCR Modules for Central Registries
  - Other States Participation



FCDS Staff Training  
Mandatory Attendance  
ALL Field Coordinators and  
Quality Control Staff



# NAACCR Monthly Webinar Series

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- 2023-2024: October 5, 2023, through September 4, 2024
- **2024-2025: October 3, 2024, through September 5, 2025**
- Monthly live webinars, 3 hours each, presented twice (morning and afternoon)
- 3 CE's/webinar (total of 36 CE's)
- FCDS currently offers these live webinars to 110 Florida Registrars free of charge
- Recordings are available in FLccSC
  - Still earn 3 CE's
  - FLccSC user must have at least one User Access Role in at least one Florida reporting facility in IDEA

# NAACCR ODS Exam Prep and Review Webinar Series

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- Reduced Rate of \$60 for Florida Applicants
  - Special Agreement with NAACCR
  - FCDS will pay the rest of the subscription
- Available to 20 Applicants
- **Registration with FCDS is now open**
  - **Summer 2025 Session in Preparation for the July 3-26, 2025, ODS Exam**
- NAACCR and FCDS will screen all Florida Applicants
  - Not have taken the course before
  - Applicant plans to take the ODS Exam immediately after the series
  - Maintain an active User Role (hospenry or hospadmin) in IDEA

# Recommended Resources for New Abstractor Training

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- **NCRA Accredited Cancer Certificate and/or Degree Programs** - <https://www.ncra-usa.org/About/Become-a-Cancer-Registrar>
- See FCDS DAM Section I – Required and Recommended Desktop References
- See Appendix P – Registrar Resources
- See FLccSC Learning Management System and FCDS IDEA for Access to Recordings
- NEED ACCESS TO ALL 2024 Manuals, Tools and Guidelines/Instructions – Appendix P and <https://www.naaccr.org/v22referencepage/>
- SEER Site-Specific Modules and Self-Instructional Training - <https://seer.cancer.gov/training/>
- NPCR NETS Modules – available on FLccSC
- NAACCR Cancer Registrar Training Guide - <https://www.naaccr.org/wp-content/uploads/2020/05/Registry-Training-Guide-1.pdf>
- NCRA offers basic courses, webinars, and ODS Exam Prep – <http://www.ncra-usa.org>
- NCRA also hosts ways to become a cancer registrar and becoming an ODS – <http://www.cancerregistryeducation.org/become-a-cancer-registrar/>
- 2024 SEER Tools – SEER\*Rx, SEER\*Heme Rules and Database, SEER\*RSA, SEER Solid Tumor Rules, Casefinding Lists and much more available on the SEER Website @ <http://seer.cancer.gov>.
- SEER\*Educate - <https://educate.fredhutch.org/LandingPage.aspx>
- 2024 FCDS Data Acquisition Manual - <https://fcds.med.miami.edu/inc/downloads.shtml>
- 2024 FCDS Webcast Series - <https://fcds.med.miami.edu/inc/educationtraining.shtml>
- FCDS Learning Management System – FLccSC - <https://fcds.med.miami.edu/inc/flccsc.shtml>
- 2024 NAACCR ODS Exam Prep and Review Webinar Series - <https://education.naaccr.org/CTR>
- American Cancer Society has cancer-specific educational materials in their Cancer A-Z Series - <https://www.cancer.org/cancer.html>
- National Cancer Institute has information – start here with the About Cancer Series – then go to specific cancer types to reinforce topics and concepts - <https://www.cancer.gov/about-cancer>
- AJCC has basic AJCC TNM Training – <https://cancerstaging.org/>

