

COVID-19 Abstraction Guidance



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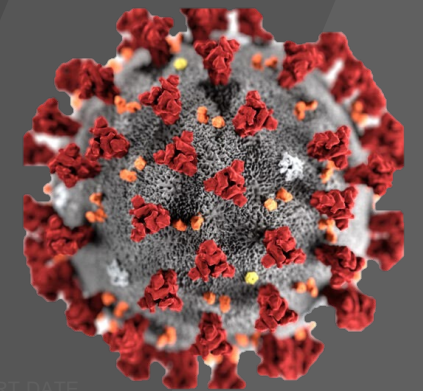
Data Quality, Analysis & Interpretation Branch

Surveillance, Epidemiology, and End Results (SEER) Program

Surveillance Research Program

Division of Cancer Control and Population Sciences

National Cancer Institute



INSERT DATE

Outline

- COVID-19 Abstracting Guidelines
 - Reason for Abstraction
 - Where to Find Guidelines on Website
 - Data to Abstract
 - Text Fields to be Used
 - Cases to Abstract
 - Field-by-Field Instructions

Reason for Abstraction

- Effect of pandemic on
 - Cancer diagnoses
 - Cancer patient outcomes

SEER COVID-19 Abstraction Guidance
June 2020

Background and Rationale

As the coronavirus 2019 (COVID-19) pandemic continues, people with compromised immune systems are at an increased risk for infection with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. It is estimated that 15,760,939 people are living with cancer in the United States [1]. Incidence of COVID-19 in cancer patients has been reported to be higher than in the general population [2]. Additionally, recent studies have shown patients with cancer had higher observed death rates, higher rates of ICU admission and higher risk of complications when compared to non-cancer patients [3-9]. Radiotherapy, concurrent chemotherapy and pre-radiotherapy preparation have the option to be postponed in order to decrease the risk of infection of COVID-19 including postoperative chemotherapy. A technical report stated that 8% of cancer patients had alterations in treatment plans due to COVID-19 [10]. The 8% of patients had delays in treatment and for

<https://seer.cancer.gov/tools/covid-19/COVID-19-Abstraction-Guidance.pdf>

Data to be Abstracted

- SARS-CoV-2 laboratory tests
- Infection status
- Delays or modifications of treatment



Text Fields

- TEXT--DX PROC--LAB TESTS (NAACCR # 2550)
- TEXT--REMARKS (NAACCR # 2680)
- RX TEXT--SURGERY (NAACCR # 2610)
- RX TEXT--RADIATION (BEAM) (NAACCR # 2620)
- RX TEXT--RADIATION Other (NAACCR # 2630)
- RX TEXT--CHEMO (NAACCR # 2640)
- RX TEXT--HORMONE (NAACCR # 2650)
- RX TEXT--BRM (NAACCR # 2660)

Why Text Fields?

- Already exist
- In your software
- Can be quickly employed for data collection



Cases to Abstract

- Begin with cases abstracted June 1, 2020
 - Diagnosed January 1, 2020 or later
 - Unless instructions from your central registry differ



TEXT--DX PROC--LAB TESTS (NAACCR # 2550)

DX Proc Lab Test
EHR
Remarks



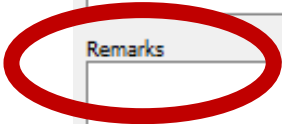
TEXT--DX PROC--LAB TESTS (NAACCR # 2550)

- **Interpretation** of SARS-CoV-2 viral testing and antibody testing
- **Date** of SARS-CoV-2 viral testing and antibody testing
- Examples
 - COVID-19 viral POS 05/09/2020
 - COVID-19 viral NEG 03/09/2020 antibody POS 05/09/2020



TEXT--REMARKS (NAACCR # 2680)

DX Proc Lab Test
EHR
Remarks





TEXT--REMARKS (NAACCR # 2680)




- ICD diagnosis code and date
 - U07.1 [COVID-19]
- General cancer treatment delays, modifications
 - Change in first course of treatment
 - Z75.3 [unavailability or inaccessibility of health care facilities]
- Examples
 - U07.1 05/09/2020
 - FCOT CHG D/T COVID-19
 - Z75.3 06/01/2020



RX TEXT--SURGERY (NAACCR # 2610)






Surgery








Rs No Surg  Surg App 2010  **Surg Txt**








Surg 03+  Surg Dt / / Scope 03+  Oth 03+ 








Srg Disch Dt / / Mst Def Surg Dt / /






Radiation

Rs No Radtn  Radtn  Start Dt / / End Dt / / Num Phases Rad Tx to Vol  Discontinued Early  Total Dose 

Phase I: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 


Phase II: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 

Phase III: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 

Radtn Loc  TX Vol  Reg Mod  Reg Dose Boost Mod  Boost Dose Num TX 

Radtn Beam

Radtn Other



RX TEXT--SURGERY (NAACCR # 2610)

- Surgery delays or modifications due to COVID-19
- Examples
 - SURG TX delayed D/T COVID-19
 - SURG TX delayed D/T COVID-19 & given as subsequent TX after progression
 - SURG TX delayed & CHG D/T COVID-19
 - SURG TX CHG D/T COVID-19
 - SURG TX DC D/T COVID-19



RX TEXT--RADIATION (BEAM) (NAACCR # 2620)

Surgery

Rs No Surg Surg App 2010

Surg 03+ Surg Dt / / Scope 03+ Oth 03+

Srg Disch Dt / / Mst Def Surg Dt / /

Surg Txt

Radiation

Rs No Radtn Radtn Start Dt / / End Dt / / Num Phases Rad Tx to Vol Discontinued Early Total Dose

Phase I: Dose per Fraction External Beam Planning Tech Num Fractions Prim Tx Vol Rad to Draining LN Tx Mod Total Dose

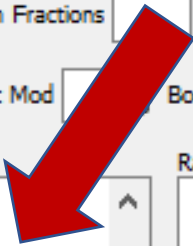
Phase II: Dose per Fraction External Beam Planning Tech Num Fractions Prim Tx Vol Rad to Draining LN Tx Mod Total Dose

Phase III: Dose per Fraction External Beam Planning Tech Num Fractions Prim Tx Vol Rad to Draining LN Tx Mod Total Dose

Radtn Loc TX Vol Reg Mod Reg Dose Boost Mod Boost Dose Num TX

Radtn Beam

Radtn Other



RX TEXT--RADIATION (BEAM) (NAACCR # 2620)

- Beam radiation delays, discontinuation, or modifications due to COVID-19

- Examples

- EBRT [XRT; RT] DC D/T COVID-19
- EBRT [XRT; RT] CHG D/T COVID-19
- EBRT [XRT; RT] delayed D/T COVID-19
- EBRT [XRT] delayed D/T COVID-19 & given as subsequent TX after progression


































RX TEXT--RADIATION Other (NAACCR # 2630)

Surgery

Rs No Surg  Surg App 2010 
Surg 03+  Surg Dt / / Scope 03+  Oth 03+ 
Srg Disch Dt / / Mst Def Surg Dt / /

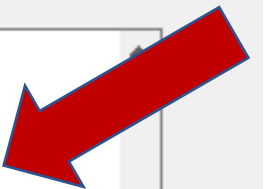
Surg Txt

Radiation

Rs No Radtn  Radtn  Start Dt / / End Dt / / Num Phases Rad Tx to Vol  Discontinued Early  Total Dose 
Phase I: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 
Phase II: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 
Phase III: Dose per Fraction  External Beam Planning Tech  Num Fractions  Prim Tx Vol  Rad to Draining LN  Tx Mod  Total Dose 
Radtn Loc  TX Vol  Reg Mod  Reg Dose Boost Mod  Boost Dose Num TX 

Radtn Beam

Radtn Other








RX TEXT--RADIATION Other (NAACCR # 2630)

- Radiation delays, discontinuation, or modifications due to COVID-19
- Examples
 - RT DC D/T COVID-19
 - RT CHG D/T COVID-19
 - ICB DC D/T COVID-19
 - ICB CHG D/T COVID-19
 - RT delayed D/T COVID-19
 - ICB delayed D/T COVID-19
 - RT delayed D/T COVID-19 & given as subsequent TX after progression
 - ICB delayed D/T COVID-19 & given as subsequent TX after progression



RX TEXT--CHEMO (NAACCR # 2640)

<input type="checkbox"/> Chemo  Chemo Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	<input type="checkbox"/> Hormone  Hormone Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
Chemo Txt <div style="border: 1px solid gray; height: 100px;"></div>	Hormone Txt <div style="border: 1px solid gray; height: 100px;"></div>
<input type="checkbox"/> BRM  BRM Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	<input type="checkbox"/> Other  Other Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
BRM Txt <div style="border: 1px solid gray; height: 100px;"></div>	Other Txt <div style="border: 1px solid gray; height: 100px;"></div>



RX TEXT--CHEMO (NAACCR # 2640)





- Chemotherapy delays, discontinuation, or modifications due to COVID-19

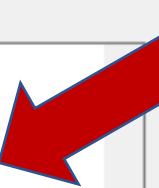
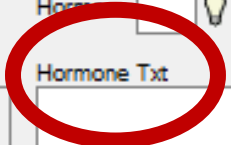
- Examples

- CHEMO DC D/T COVID-19
- CHEMO CHG D/T COVID-19
- CHEMO delayed D/T COVID-19
- CHEMO delayed D/T COVID-19 & given as subsequent TX after progression



RX TEXT--HORMONE (NAACCR # 2650)

Chemo <input type="checkbox"/>  Chemo Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	Hormone <input type="checkbox"/>  Hormone Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
Chemo Txt <input type="text"/>	Hormone Txt <input type="text"/>
BRM <input type="checkbox"/>  BRM Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	Other <input type="checkbox"/>  Other Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
BRM Txt <input type="text"/>	Other Txt <input type="text"/>



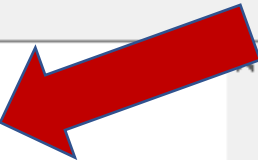
RX TEXT--HORMONE (NAACCR # 2650)

- Hormone therapy delays, discontinuation, or modifications due to COVID-19
- Examples
 - HORMONE DC D/T COVID-19
 - HORMONE CHG D/T COVID-19
 - HORMONE delayed D/T COVID-19
 - HORMONE delayed D/T COVID-19 & given as subsequent TX after progression



RX TEXT--BRM (NAACCR # 2660)

<input type="checkbox"/> Chemo <input type="checkbox"/> Chemo Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	<input type="checkbox"/> Hormone <input type="checkbox"/> Hormone Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
Chemo Txt <input type="text"/>	Hormone Txt <input type="text"/>
<input type="checkbox"/> BRM <input type="checkbox"/> BRM Dt <input type="text"/> / <input type="text"/> / <input type="text"/>	<input type="checkbox"/> Other <input type="checkbox"/> Other Dt <input type="text"/> / <input type="text"/> / <input type="text"/>
BRM Txt <input type="text"/>	Other Txt <input type="text"/>



RX TEXT--BRM (NAACCR # 2660)

- BRM or immunotherapy delays, discontinuation, or modifications due to COVID-19
- Examples
 - BRM DC D/T COVID-19
 - BMT DC D/T COVID-19
 - BRM CHG D/T COVID-19
 - BRM delayed D/T COVID-19
 - BMT delayed D/T COVID-19
 - BRM delayed D/T COVID-19 & given as subsequent TX after progression



Questions

Send to Ask A SEER Registrar

- <https://seer.cancer.gov/registrars/contact.html>

Or

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Thank You!

