

MITRE / FLUX NOTES **SELECTED CONCEPTS v14.9**

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The following concepts explore the visual treatment of placeholders, and explorative concepts for medications. The medication designs should be validated by a provider before further design iteration.

I PLACEHOLDER TREATMENT

Visual rules for placeholders

- All placeholders with unfilled structured/unstructured data have a teal background, lighter text, a red underline, and extra spacing on either side.
- Placeholder structured data that was captured via typing or point of capture have a dashed line and regular font style.
- Placeholder structured data that was captured via voice has a dashed line and italic font style.
- Retrieved data using @ is lighter in color as it is lower priority.
- Users are able to freely type and capture attributes within placeholders, but are not allowed to remove or overwrite the data element (as it changes the meaning of the placeholder and renders it useless).
- If voice captured data within placeholders are edited via typing or through the point of capture interface, it becomes a regular font style.
- When selections are made in point of capture interface, the placeholder text is “refreshed” to reflect the choices.
- When structured data is retrieved via dropdown from the patient summary, the inserted text in the note is lighter in color, just as it would appear if retrieved using @.

Flux Notes

Debra24

Date of birth

Admin. sex

Location

Ductal carcinoma of the breast

Shared

Debra24 search...

Reason for Visit

Follow-up consultation regarding a procedure related to @condition

Sections of the clinical note have the same text style as the headers in the patient summary in order to have greater consistency.

Dr. Bran24 Michel09A

Dana Farber Cancer Institute

Close

Summary

Timeline

Medication

Allergies

Labs

Social

Disease status

Summary

Ms. Debra24 Hernandez98Aj is a 51-year-old menopausal non hispanic or latino woman with invasive ductal carcinoma of the breast, diagnosed on 13 January 2012. Her most recent status, recorded on 15 May 2017, is of worsening, disease progression based on pathology, imaging, and symptoms.
She underwent a lumpectomy. She underwent a sentinel lymph node biopsy on 20 September 2012 which revealed infiltrating poorly differentiated ductal carcinoma, stage IV, estrogen receptor 0, etc.
diagnostic mammogram on 4 October 2013 revealed a 2 cm mass in the right breast at 7 o'clock and an

Reason for Visit

Follow-up consultation regarding a procedure related to @condition

History of Present Illness

@HPI

Procedure

The patient recently underwent @procedure on @dateof with @attending.

Condition:

Invasive ductal carcinoma of breast

Fracture

Procedure:

Mammography

Core needle biopsy of breast

Another procedure that happened

Yet another procedure

Cancel

Remove note



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Disease status

Dr. Jraker299 referred ms. Debra24 Hernandez98Aj due to pain in left breast. Dr. Jraker299 is ms. Debra24 Hernandez98Aj's primary care physician for 12 years.

Summary

Ms. Debra24 Hernandez98Aj is a 51-year-old menopausal non hispanic or latino woman with invasive ductal carcinoma of the breast, diagnosed on 13 January 2012. Her most recent status, recorded on 15 May 2017, is of worsening, disease progression based on pathology, imaging, and symptoms.

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Progress note

10 April 2018

Dr. Bran24 Michel09A

Dana Farber Cancer Institute

X Close

B I U | | | < _ >

Reason For Visit

Follow-up consultation regarding a procedure related to invasive ductal carcinoma of the breast
Patient #staging|

History of Present Illness

HPI for invasive ductal carcinoma of the breast

Procedure

The patient recently underwent mammography on 6 May 2017 with Dr. Eli Krusk.

Sign note



Condition:

Invasive ductal carcinoma of breast

Fracture

Procedure:

Mammography

Core needle biopsy of breast

Another procedure that happened

Yet another procedure

X Cancel

✓ Confirm

Remove note



Remove 10 unfilled elements after signing

Indicator for what happens to unfilled elements after signing the note is now separate from the "sign note" button itself.

Close



Search shortcuts

Templates
Shortcuts

Patient
@patient
@age
@gender
@dateofbirth
@name
...

Summary

Timeline

Medication

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Disease
status

Hernandez98Aj's primary care physician for 12 years.

Summary



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11 Assessment

Although her #disease status is #stable #as of #1/30/2018, recommending to half after 5 cycles due to #toxicity #grade 3 #myalgia and #toxicity #grade 3 #peripheral motor neuropathy attributed to paclitaxel.

Patient's staging. Given the current data, I determine disease status. The patient is deceased or not deceased. A Port-A-Cath was replaced today. She will start induction chemotherapy with trastuzumab due to low volume of metastatic disease, beginning on October 17, 2017. A section of @ retrieved data from the patient record.

The patient is exhibiting toxicity. The patient is also exhibiting toxicity nausea. The patient's receptors are as follows, HER2. ER. PR. A section of @ retrieved data from the patient record. The patient is interested in clinical trial enrollment. enrollment clinical trial

Ask patient about how her brother is doing.

Remove 10 unfilled elements after signing

Sign note

Remove note



Structured data has just been captured via typing, touch, voice

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Progress note
10 April 2018

Dr. Bran24 Michel09A
Dana Farber Cancer Institute

[Close](#)

B I U | < __ >

4 Assessment

Although her #disease status is #stable #as of #1/30/2018, recommending to half after 5 cycles due to #toxicity #grade 3 #myalgia and #toxicity #grade 3 #peripheral motor neuropathy attributed to paclitaxel.

Patient's staging is IIIA based on T0, N2, and has M0. Given the current data, I determine disease status

The patient is deceased or not deceased. A Port-A-Cath was replaced today. She will start induction chemotherapy with trastuzumab due to low volume of metastatic disease, beginning on October 17, 2017. A section of @ retrieved data from the patient record.

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Ask patient about how her brother is doing.

Remove 4 unfilled elements after signing

[Sign note](#)

Q Search shortcuts

Templates
Shortcuts

Patient

@patient

@age

@gender

@dateofbirth

@name

...

[Remove note](#)



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Progress
10 April 2018

Dr. Free2 Will
Dana Farber Cancer Institute

Close



> #Staging

Tumor size T0 Node size N2 Metastasis M0



> #Disease status

Status No data Reason No data Reference date No data As of date No data

Status

Complete response

Complete resection

Responding

Stable

Progressing

Inevaluable



> #toxicity

Adverse event No data Grade No data Attribution No data

Delete toxicity

Grade

Grade 1

Grade 2

Grade 3

Grade 4

Adverse event Nausea Grade No data Attribution No data

Delete toxicity

Grade

Grade 1

Grade 2

Grade 3

Grade 4

Add toxicity



> #HER2

Receptor positive



> #ER

Receptor positive



> #PR

Receptor positive



> #enrollment

Clinical trial PATINA



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B I U | | | < >

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Ask patient about how her brother is doing.

Remove 4 unfilled elements after signing

Sign note



4 corrections

is exhibiting toxicity nausea

Ignore toxicity

Nausea was previously captured on 8 May 2018

Grade

1 2 3 4

Attribution

Treatment

Disease

Error

Unknown

Unrelated

Ignore attribution

Continuity

Continuing toxicity

End toxicity

Remove note

2 MEDICATION EXPLORATION

Concept: Summary view with collapsed dates
Assumption: this subsection includes only current course for start time

Active Medications	Dosage		Dates	Progress	Changes	More
MedicationMedA	10 mg qd	5102025	10 Jan 2018	<i>end 12 Apr 2018</i>	reduced + 2 more	>
ChemoBB	150 mg/m2 q3weeks	150125	2 Feb 2018	<i>3 of 5 cycles</i>		...


print the last relevant change,
indicate more with "..."

"..." brings up a detail pane, or a
single supporting next line, that
gives more information such as
prescribing physician and
administration directions.

Concept: Expanded view now displays each request and an option for more details on each request.
Assumption: this subsection includes only current course

Active Medications	Dosage		Dates	Progress	Changes	More
MedicationMedA	10 mg qd	<div><div>5</div><div>10</div><div>20</div><div>25</div></div>	24 Feb 2018	<i>end: 12 Apr 2018</i>	reduced, toxicity	... v
	20 mg qd	<div><div></div><div></div><div>20</div><div></div></div>	15 Feb 2018		increased, ineffective	...
	10 mg	<div><div>10</div><div></div><div></div><div></div></div>	10 Jan 2018	<i>start for 3 months</i>		...
ChemoBB	150 mg/m2 q3weeks	<div><div>1</div><div>50</div><div>125</div><div>150</div></div>	2 Feb 2018	<i>3 of 5 cycles</i>		...

Concept: Expanded view now displays each request and an option for more details on each request.
Assumption: this subsection includes ALL the courses

Active Medications	Dosage		Dates	Progress	Changes	More
<u>MedicationMedA</u>	<u>10 mg qd</u>	5 10 20 25	<u>24 Feb 2018</u>	<i>end: 12 Apr 2018</i>	<u>reduced, toxicity</u>	... 
	<u>20 mg qd</u>	20	<u>15 Feb 2018</u>		<u>increased, ineffective</u>	...
	<u>10 mg</u>	10	<u>10 Jan 2018</u>	<i>start for 3 months</i>		...
	<u>10 mg qd</u>	10	<u>5 Jul 2016</u>	<i>finished: 6 Sep 2016</i>	<u>reduced, toxicity</u>	...
	<u>20 mg qd</u>	20	<u>4 Jun 2016</u>	<i>start for 3 months</i>		...
<u>ChemoBB</u>	<u>150 mg/m2 q3weeks</u>	1 50 125 150	<u>2 Feb 2018</u>	<i>3 of 5 cycles</i>		...