MITRE / FLUX NOTES TREATMENT OPTIONS v5.1

EDWIN CHOI, DANIEL REEVES, JUHAN SONIN, 19.DEC.2018



Admin. sex Location

Summary

Treatment Options Ductal carcinoma of the breast

Outcomes and criteria for 156,765 patients with Ductal carcinoma of the breast were collected by CancerLinQ ...more

> Similar patients 156 patients excluded criteria: race, received radiation therapy, received chemotherapy

> Outcomes overall survival rate, ECOG impact, hospitalization due to side effects

		Overall survival rates 1 yr 2 yr 5 yr						ECOG impact	Hospitaliz all	ation due to side effects leading causes
include only: add/remov	(11)	67%		54%		43%		0.2	19%	pain (9%) neuropathy (4%)
combine with: select treatments										
hormonal therapy & chemotherapy	(64)	87%	▲ 20%	74%	▲ 20%	58%	▲ 15%	0.5 -0.3	15% ▼ 4%	pain (9%) dyspnoea (2%)
hormonal therapy	(76)	77%	▲10%	59%	▲ 5%	49%	▲ 6%	0.5 • 0.3	23% - 4%	dyspnoea (11%) blood clots (4%)
chemotherapy	(12)	68%	▲ 1%	53%	→ 1%	41%	≠2 %	0.9 •0.7	22% <u>*</u> 3%	pain (11%) dyspnoea (7%)
survived with surgery alone										

Treatment Options

> additional survivors due to treatment cancer related deaths deaths due to other causes

Admin. sex

Boston, MA

Location

Summary

M-CODE Pilot

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		Overall 1 yr	surviva	al rates 2 yr		5 yr		ECOG impact	Hospitaliza all	ation due to side effects leading causes
include only: add/remove surgery	(11)	67%		54%		43%		0.2	19%	pain (9%) neuropathy (4%)
combine with: select trea	tments									
compare across categories		87%	▲20%	74%	▲ 20%	58%	▲15%	0.5 •0.3	15% ₹4%	pain (9%) dyspnoea (2%)
 treatment categories surgery hormonal therapy 		77%	▲10%	59%	▲ 5%	49%	▲ 6%	0.5 -0.3	23% -4%	dyspnoea (11%) blood clots (4%)
✓ chemotherapy radiation		68%	▲ 1%	53%	→ 1%	41%	₹2%	0.9 •0.7	22% <u>~</u> 3%	pain (11%) dyspnoea (7%)
compare within a category chemotherapy regimens hormonal therapy regimens radiation therapies		survived with surgery alone additional survivors due to treatment cancer related deaths deaths due to other causes								

Treatment Options

Summary

M-CODE Pilot Dr. Bran24 Michel09A

Summary

Treatment Options Ductal carcinoma of the breast

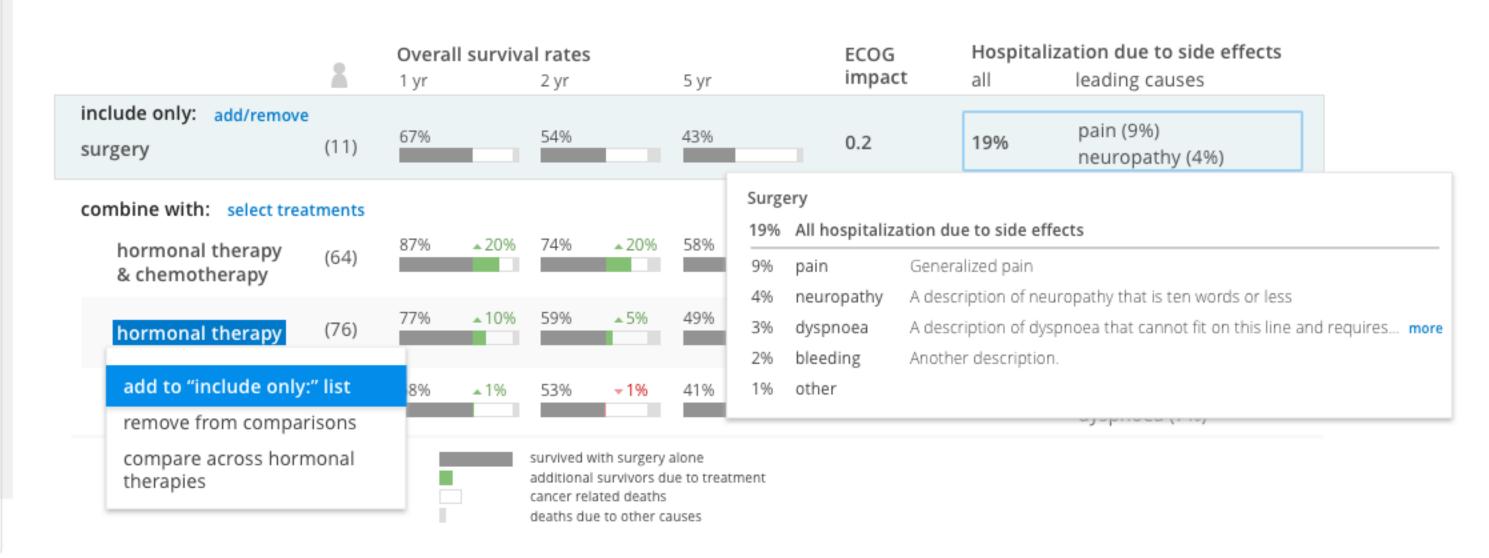
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Boston, MA

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select all select none



√ — treatment history 1/3

√ had surgery: yes ♣♣♣

received radiation therapy: yes 🎎 received chemotherapy: yes 222

√ √ medical history 1/1

✓ ECOG score: 2-3

Lange 1

Lange 2

Lange

Treatment Options

Summary

Outcomes overall survival rate, ECOG impact, hospitalization due to side effects

survival rates

- Relative survival rate textual description
- Cancer specific survival rate textual description
- Disease free survival rate textual description
- Total survival rate textual description

impact on quality of life indices

- Quality of Life-Cancer Survivor textual description
- ECOG Performance Status textual description
- Karnofsky Score textual description

side effects

- Hospitalizations due to side effects textual description
- Most severe side effects textual description
- Most common side effects textual description

costs

- Days expended textual description
- Out-of-pocket cost textual description
- Hospital stays textual description

to supplement the the default tabular view

These alternative views would not have the interactive methods of changing the included list and comparing list. A pair of separate dropdowns would be necessary.

Here we present narrative and chart views.

1 yr

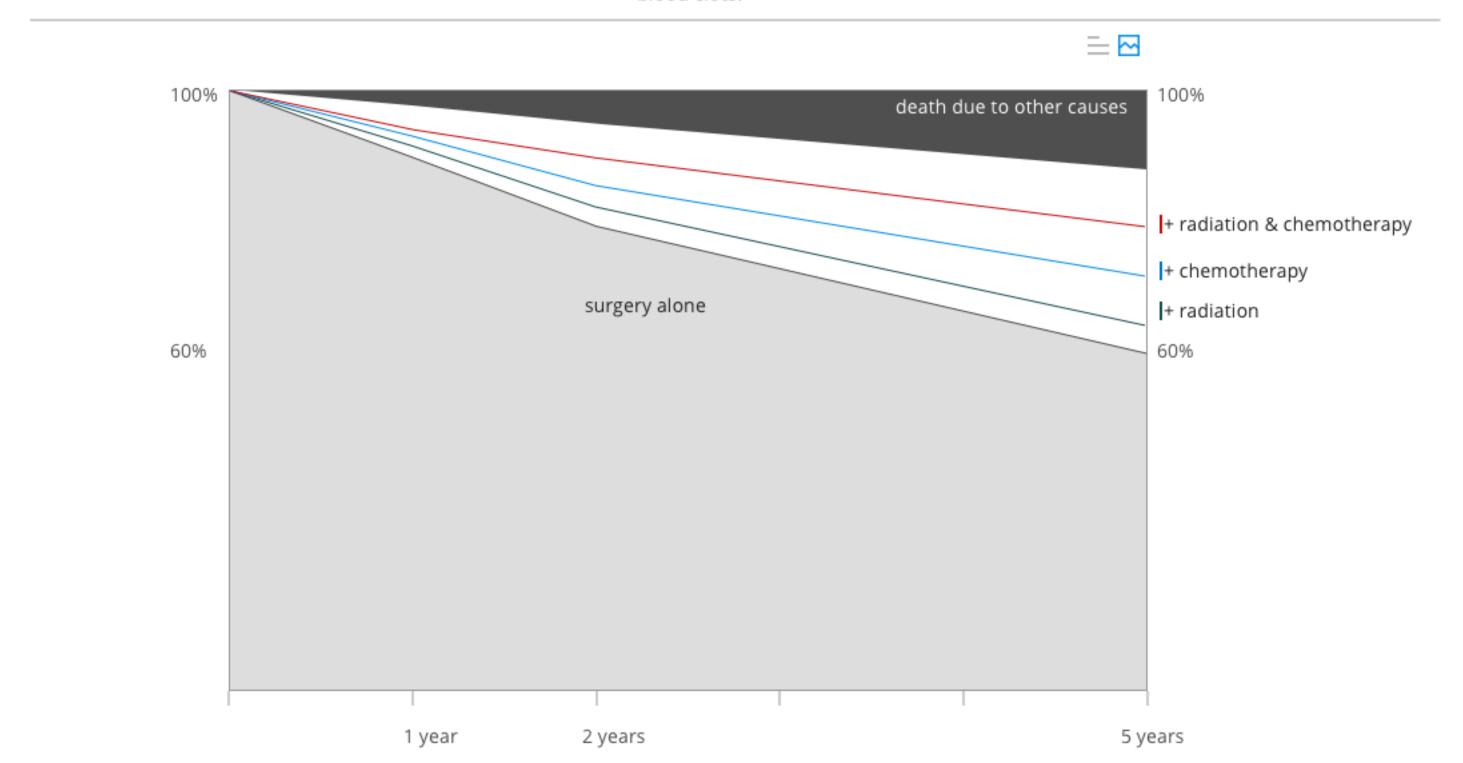
2 yr 5 yr



With surgery alone, 68% of patients will survive 1 year, with 30% dying due to cancer. 10% are hospitalized due to side effects, most commonly due to pain.

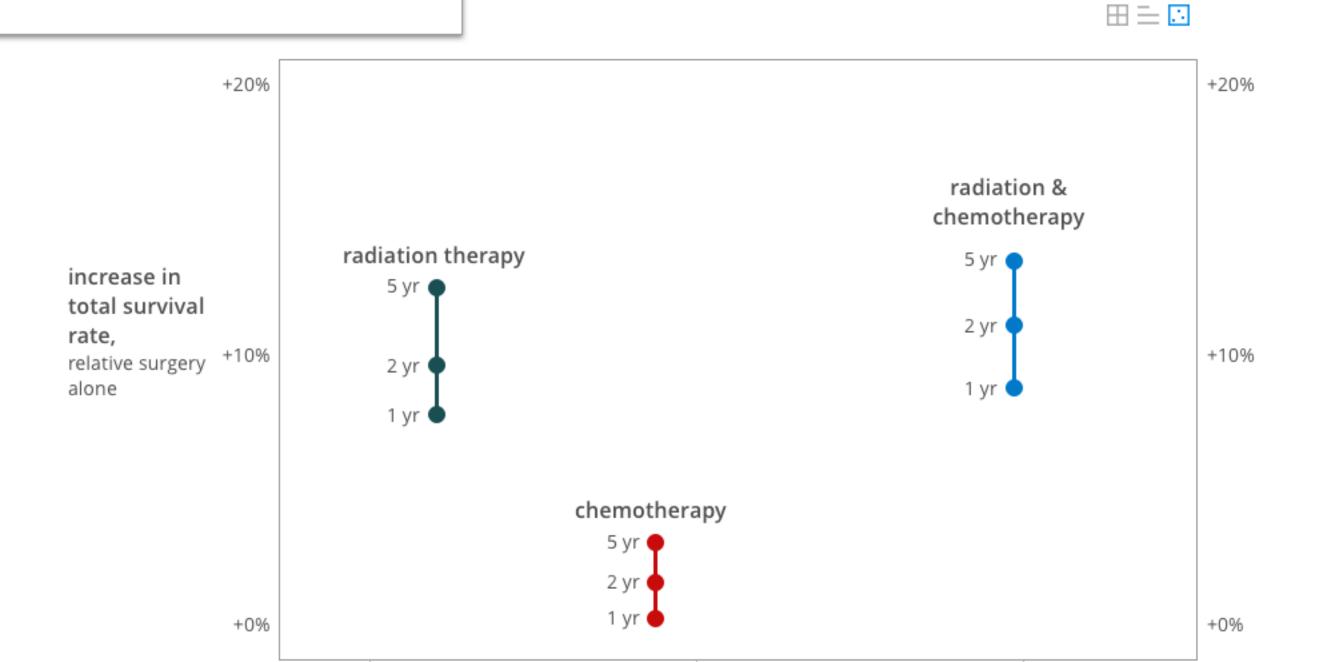
With **chemotherapy** in addition to surgery, **5**% **additional** patients will survive 1 year. **2**% **more** are hospitalized due to side effects, most commonly due to **neuropathy**.

With **chemotherapy & radiation** in addition to surgery, **12% additional** patients will survive 1 year. **4% more** are hospitalized due to side effects, most commonly due to **blood clots**.



to supplement the the default tabular view

This chart compares treatments across two variables, relative to surgery alone. We compare impact on survival rate for 3 time points and quality of life.



+1

+0

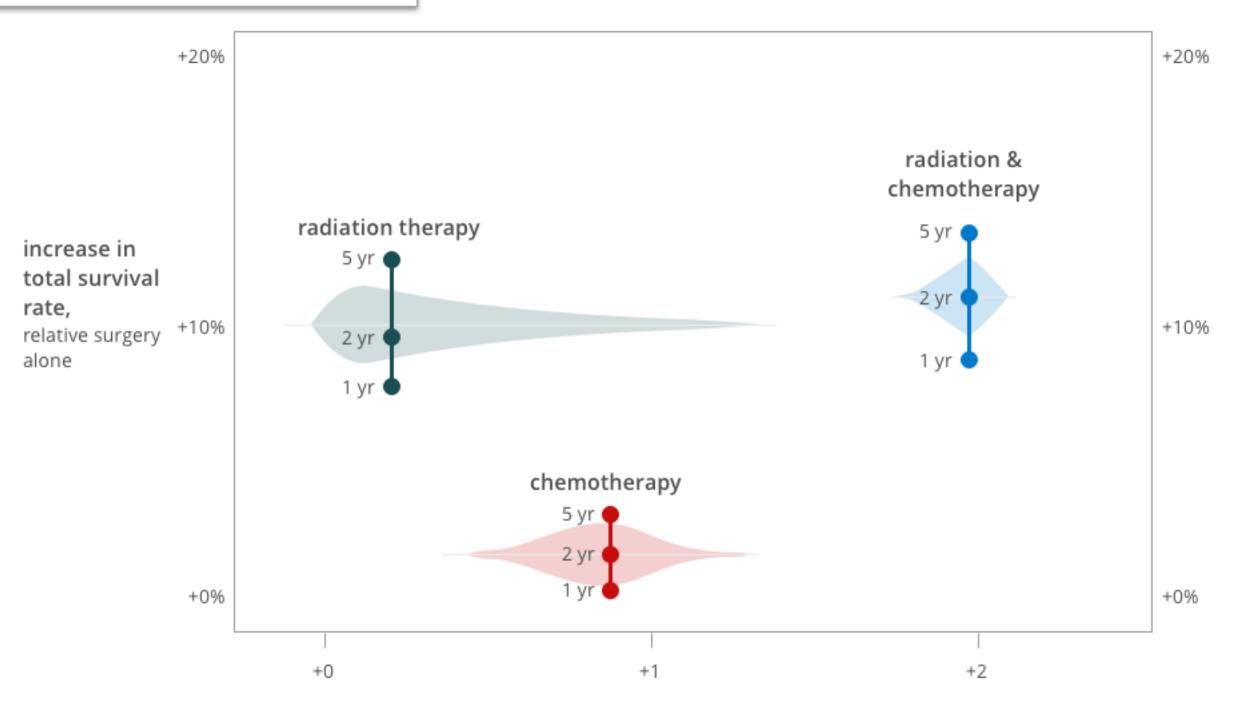
Increase in quality of life impact, as ACOG, relative surgery alone

+2

to supplement the the default tabular view

This includes distribution data for one of the variables.





Increase in quality of life impact, as ACOG, relative surgery alone

to supplement the the default tabular view

This visual shows expected outcomes for a statistical 100 patients. It graphically shows how many patients who would die without additional treatment survive with various treatments.

The user can tap on a treatment regimen to focus on that treatment and reveal additional data, such as hospitalization rates.

