

Top 10 Covariates
(making the patient **MORE** likely to improve)

Bottom 10 Covariates
(making the patient **LESS** likely to improve)

Improvement in Ambulation/Locomotion

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB3	90.6%
29	Ambulation	AMB456	81.9%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	62.7%
29	Ambulation	AMB2	60.3%
12	Surgical Wound	SRG_WND_OBS_EPI	57.1%
12	Surgical Wound	SRG_WND_OBS_GRAN	56.8%
26	Toilet Transferring	TLTTRN2	56.8%
9	Pain	PAIN4	56.7%
26	Toilet Transferring	TLTTRN1	56.6%
18	Anxiety	ANX3	56.2%

Risk Factor #	Risk Factor	Covariate Name	Probability
1	Age	AGE_95PLUS	35.0%
14	Urinary Status	URINCONT_CATH	36.6%
25	Bathing	BATH6	37.3%
4	SOC/ROC and Admission Source	SOC_COMM	38.5%
1	Age	AGE_90_94	39.0%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	39.3%
4	SOC/ROC and Admission Source	ROC	39.7%
28	Transferring	TRNFR1	41.0%
11	Stasis Ulcer	STAS_ULCR_OBS_2PLUS	41.4%
28	Transferring	TRNFR345	41.7%

Improvement in Bathing

Risk Factor #	Risk Factor	Covariate Name	Probability
25	Bathing	BATH6	95.4%
25	Bathing	BATH5	94.3%
25	Bathing	BATH4	91.8%
25	Bathing	BATH3	86.9%
25	Bathing	BATH2	76.8%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	62.1%
34	Therapy	THER_HIGH_GT13	58.6%
26	Toilet Transferring	TLTTRN2	57.9%
9	Pain	PAIN4	57.7%
12	Surgical Wound	SRG_WND_OBS_GRAN	57.6%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	21.0%
1	Age	AGE_95PLUS	34.4%
30	Feeding or Eating	EAT345	36.1%
29	Ambulation	AMB2	37.4%
14	Urinary Status	URINCONT_CATH	38.2%
1	Age	AGE_90_94	39.0%
17	Confusion	CONF4	39.2%
4	SOC/ROC and Admission Source	SOC_COMM	39.8%
29	Ambulation	AMB3	39.9%
11	Stasis Ulcer	STAS_ULCR_OBS_2PLUS	40.0%

Improvement in Bed Transferring

Risk Factor #	Risk Factor	Covariate Name	Probability
28	Transferring	TRNFR345	95.6%
28	Transferring	TRNFR2	91.9%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	61.5%
34	Therapy	THER_HIGH_GT13	58.3%
34	Therapy	THER_MED_5_13	57.9%
12	Surgical Wound	SRG_WND_OBS_EPI	56.0%
12	Surgical Wound	SRG_WND_OBS_GRAN	56.0%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	55.8%
18	Anxiety	ANX3	55.7%
21	Disruptive Behavior Frequency	BEHPFR5	54.8%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	13.5%
29	Ambulation	AMB2	27.7%
29	Ambulation	AMB3	31.9%
1	Age	AGE_95PLUS	36.4%
29	Ambulation	AMB1	36.6%
14	Urinary Status	URINCONT_CATH	36.8%
25	Bathing	BATH6	38.5%
4	SOC/ROC and Admission Source	SOC_COMM	38.8%
30	Feeding or Eating	EAT345	39.4%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	40.0%

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Improvement in Pain Interfering with Activity

Risk Factor #	Risk Factor	Covariate Name	Probability
9	Pain	PAIN4	84.3%
9	Pain	PAIN3	68.2%
9	Pain	PAIN2	67.7%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	56.4%
21	Disruptive Behavior Frequency	BEHPFR3	55.9%
26	Toilet Transferring	TLTTRN2	55.5%
21	Disruptive Behavior Frequency	BEHPFR12	55.3%
26	Toilet Transferring	TLTTRN34	54.9%
31	Oral Medication Management	ORMED2	54.4%
1	Age	AGE_85_89	54.3%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	37.1%
29	Ambulation	AMB2	42.6%
19	Depression Screening	PHQ2_SCOR_3PLUS	42.8%
11	Stasis Ulcer	STAS_ULCR_OBS_2PLUS	43.6%
4	SOC/ROC and Admission Source	ROC	43.8%
25	Bathing	BATH6	44.3%
1	Age	AGE_55_59	44.6%
29	Ambulation	AMB3	44.7%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	45.2%
3	Payment source	PAY_MCAID_ONLY	45.3%

Improvement in Dyspnea

Risk Factor #	Risk Factor	Covariate Name	Probability
13	Dyspnea	DYSP34	82.2%
13	Dyspnea	DYSP2	72.4%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	60.1%
34	Therapy	THER_MED_5_13	58.6%
34	Therapy	THER_HIGH_GT13	57.2%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	56.4%
12	Surgical Wound	SRG_WND_OBS_EPI	55.4%
21	Disruptive Behavior Frequency	BEHPFR3	54.7%
21	Disruptive Behavior Frequency	BEHPFR5	54.6%
7	Risk of Hospitalization	RISK_NONE	54.5%

Risk Factor #	Risk Factor	Covariate Name	Probability
35	Home Care Condition Codes	HC_DX_RESPIRATORY	40.9%
4	SOC/ROC and Admission Source	ROC	41.1%
4	SOC/ROC and Admission Source	SOC_COMM	41.4%
29	Ambulation	AMB456	41.7%
35	Home Care Condition Codes	HC_DX_NEOPLOASM	43.6%
14	Urinary Status	URINCONT_CATH	43.9%
1	Age	AGE_95PLUS	43.9%
11	Stasis Ulcer	STAS_ULCR_OBS_2PLUS	44.6%
19	Depression Screening	PHQ2_SCOR_3PLUS	45.4%
14	Urinary Status	URINCONT_INCONT	45.5%

Improvement in Management of Oral Medications

Risk Factor #	Risk Factor	Covariate Name	Probability
31	Oral Medication Management	ORMED3	78.2%
31	Oral Medication Management	ORMED2	75.5%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	63.0%
9	Pain	PAIN4	62.9%
18	Anxiety	ANX3	58.3%
9	Pain	PAIN3	58.1%
8	Living Arrangement	LIV_ALONE	57.5%
12	Surgical Wound	SRG_WND_OBS_EPI	57.3%
13	Dyspnea	DYSP34	56.9%
12	Surgical Wound	SRG_WND_OBS_GRAN	56.6%

Risk Factor #	Risk Factor	Covariate Name	Probability
8	Living Arrangement	LIV_CONGREGATE	26.8%
1	Age	AGE_95PLUS	29.4%
17	Confusion	CONF4	31.1%
30	Feeding or Eating	EAT345	33.6%
1	Age	AGE_90_94	33.8%
16	Cognitive function	COGN34	34.7%
1	Age	AGE_85_89	37.5%
25	Bathing	BATH6	38.2%
17	Confusion	CONF23	38.3%
29	Ambulation	AMB456	38.6%

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Improvement in Status of Surgical Wounds

Risk Factor #	Risk Factor	Covariate Name	Probability
34	Therapy	THER_HIGH_GT13	62.7%
1	Age	AGE_95PLUS	58.5%
34	Therapy	THER_MED_5_13	57.8%
1	Age	AGE_90_94	56.3%
1	Age	AGE_85_89	56.2%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	56.1%
8	Living Arrangement	LIV_CONGREGATE	55.6%
22	Grooming	GROOM2	55.0%
27	Toilet Hygiene	TLTHYG3	54.8%
27	Toilet Hygiene	TLTHYG2	54.6%

Risk Factor #	Risk Factor	Covariate Name	Probability
4	SOC/ROC and Admission Source	SOC_COMM	41.2%
12	Surgical Wound	SRG_WND_OBS_GRAN	42.2%
29	Ambulation	AMB456	43.7%
35	Home Care Condition Codes	HC_DX_GEN_URINARY	44.0%
3	Payment source	PAY_OTHER_COMBO	45.0%
35	Home Care Condition Codes	HC_DX_NEOPLASM	45.1%
6	IV Therapies	IVTHER_ANY	45.3%
15	Bowel Incontinence	BWL_FR345	45.6%
15	Bowel Incontinence	BWL_OSTOMY	45.6%
35	Home Care Condition Codes	HC_DX_SKIN	45.7%

Improvement in Bowel Incontinence

Risk Factor #	Risk Factor	Covariate Name	Probability
12	Surgical Wound	SRG_WND_OBS_NOHEAL	58.3%
34	Therapy	THER_HIGH_GT13	57.9%
15	Bowel Incontinence	BWL_FR345	57.7%
18	Anxiety	ANX3	56.7%
9	Pain	PAIN4	56.3%
21	Disruptive Behavior Frequency	BEHPFR4	56.2%
21	Disruptive Behavior Frequency	BEHPFR3	56.1%
21	Disruptive Behavior Frequency	BEHPFR5	56.1%
13	Dyspnea	DYSP34	55.2%
34	Therapy	THER_MED_5_13	54.6%

Risk Factor #	Risk Factor	Covariate Name	Probability
14	Urinary Status	URINCONT_CATH	35.4%
27	Toilet Hygiene	TLTHYG3	37.3%
30	Feeding or Eating	EAT345	38.5%
14	Urinary Status	URINCONT_INCONT	39.4%
29	Ambulation	AMB456	40.4%
17	Confusion	CONF4	41.8%
4	SOC/ROC and Admission Source	SOC_COMM	42.7%
30	Feeding or Eating	EAT2	43.9%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	44.2%
3	Payment source	PAY_MCAREANDMCAID	44.6%

Improvement in Confusion Frequency

Risk Factor #	Risk Factor	Covariate Name	Probability
17	Confusion	CONF4	87.0%
17	Confusion	CONF23	78.9%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	59.2%
9	Pain	PAIN4	57.5%
28	Transferring	TRNFR345	56.8%
12	Surgical Wound	SRG_WND_OBS_EPI	55.4%
26	Toilet Transferring	TLTTRN2	54.5%
18	Anxiety	ANX3	54.4%
13	Dyspnea	DYSP34	54.4%
28	Transferring	TRNFR2	54.3%

Risk Factor #	Risk Factor	Covariate Name	Probability
16	Cognitive function	COGN34	28.1%
16	Cognitive function	COGN2	35.0%
1	Age	AGE_95PLUS	36.2%
1	Age	AGE_90_94	37.9%
1	Age	AGE_85_89	40.2%
4	SOC/ROC and Admission Source	SOC_COMM	41.3%
16	Cognitive function	COGN1	41.6%
8	Living Arrangement	LIV_CONGREGATE	42.0%
35	Home Care Condition Codes	HC_DX_MENTAL	42.3%
31	Oral Medication Management	ORMED3	42.4%

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Improvement in Lower Body Dressing

Risk Factor #	Risk Factor	Covariate Name	Probability
24	Lower Body Dressing	LOWER3	91.5%
24	Lower Body Dressing	LOWER2	70.1%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	60.9%
34	Therapy	THER_HIGH_GT13	59.8%
34	Therapy	THER_MED_5_13	57.7%
8	Living Arrangement	LIV_ALONE	57.5%
18	Anxiety	ANX3	56.9%
12	Surgical Wound	SRG_WND_OBS_EPI	56.4%
12	Surgical Wound	SRG_WND_OBS_GRAN	55.9%
21	Disruptive Behavior Frequency	BEHPRF3	55.3%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	26.1%
25	Bathing	BATH6	33.7%
1	Age	AGE_95PLUS	36.6%
27	Toilet Hygiene	TLTHYG3	37.6%
30	Feeding or Eating	EAT345	37.8%
14	Urinary Status	URINCONT_CATH	38.2%
15	Bowel Incontinence	BWL_FR345	39.6%
17	Confusion	CONF4	39.8%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	40.2%
4	SOC/ROC and Admission Source	SOC_COMM	40.2%

Improvement in Upper Body Dressing

Risk Factor #	Risk Factor	Covariate Name	Probability
23	Upper Body Dressing	UPPER3	93.4%
23	Upper Body Dressing	UPPER2	78.0%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	63.0%
34	Therapy	THER_HIGH_GT13	60.6%
34	Therapy	THER_MED_5_13	59.7%
9	Pain	PAIN4	59.1%
12	Surgical Wound	SRG_WND_OBS_EPI	57.4%
12	Surgical Wound	SRG_WND_OBS_GRAN	56.6%
18	Anxiety	ANX3	56.5%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	56.4%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	32.3%
22	Grooming	GROOM3	32.4%
30	Feeding or Eating	EAT345	32.7%
25	Bathing	BATH6	33.9%
1	Age	AGE_95PLUS	35.8%
27	Toilet Hygiene	TLTHYG3	37.7%
17	Confusion	CONF4	37.9%
4	SOC/ROC and Admission Source	SOC_COMM	37.9%
14	Urinary Status	URINCONT_CATH	38.4%
22	Grooming	GROOM2	38.8%

Improvement in Toilet Transferring

Risk Factor #	Risk Factor	Covariate Name	Probability
26	Toilet Transferring	TLTTRN34	88.1%
26	Toilet Transferring	TLTTRN2	85.3%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	63.2%
34	Therapy	THER_HIGH_GT13	60.9%
34	Therapy	THER_MED_5_13	60.4%
9	Pain	PAIN4	60.3%
18	Anxiety	ANX3	56.8%
12	Surgical Wound	SRG_WND_OBS_EPI	56.8%
12	Surgical Wound	SRG_WND_OBS_GRAN	56.6%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	56.2%

Risk Factor #	Risk Factor	Covariate Name	Probability
29	Ambulation	AMB456	26.6%
27	Toilet Hygiene	TLTHYG3	32.5%
30	Feeding or Eating	EAT345	33.6%
14	Urinary Status	URINCONT_CATH	35.4%
15	Bowel Incontinence	BWL_FR345	37.0%
22	Grooming	GROOM3	37.1%
4	SOC/ROC and Admission Source	SOC_COMM	38.0%
28	Transferring	TRNFR345	38.1%
23	Upper Body Dressing	UPPER3	38.4%
27	Toilet Hygiene	TLTHYG2	39.0%

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Discharged to Community

Risk Factor #	Risk Factor	Covariate Name	Probability
7	Risk of Hospitalization	RISK_NONE	59.1%
35	Home Care Condition Codes	HC_DX_HLTH_FACTORS	57.3%
35	Home Care Condition Codes	HC_DX_EAR	57.3%
35	Home Care Condition Codes	HC_DX_EXT_MORB	57.2%
34	Therapy	THER_MED_5_13	56.8%
12	Surgical Wound	SRG_WND_OBS_EPI	55.2%
12	Surgical Wound	SRG_WND_OBS_GRAN	54.8%
35	Home Care Condition Codes	HC_DX_MUSCL_SKEL	54.3%
12	Surgical Wound	SRG_WND_OBS_NOHEAL	54.0%
35	Home Care Condition Codes	HC_DX_EYE	54.0%

Risk Factor #	Risk Factor	Covariate Name	Probability
4	SOC/ROC and Admission Source	ROC	32.4%
14	Urinary Status	URINCONT_CATH	34.2%
11	Stasis Ulcer	STAS_ULCR_OBS_2PLUS	35.5%
13	Dyspnea	DYSP34	36.0%
35	Home Care Condition Codes	HC_DX_NEOPLASM	36.3%
15	Bowel Incontinence	BWL_OSTOMY	38.9%
11	Stasis Ulcer	STAS_ULCR_OBS_1	40.5%
7	Risk of Hospitalization	RISK_MLTPH_HOSPZTN	41.7%
6	IV Therapies	IVTHER_ANY	41.9%
10	Pressure Ulcers	PU_STG2PLUS_UNSTG	42.1%