	Acid Reflux HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element		
Serious Symptoms Reported	Follow up with a Gastroenterologist	Lead participants to a nurse navigator or online scheduling tool to book an appointment.	'serious_symptoms_reported'		
Diagnosed & Symptomatic	Follow up with a Gastroenterologist	Lead participants to a nurse navigator or online scheduling tool to book an	'diagnosed_symptomatic'		
Diagnosed & Asymptomatic	Follow up with a Gastroenterologist	Lead participants to a nurse navigator or online scheduling tool to book an	'undiagnosed_increasedRisk'		
Undiagnosed with Increased	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'undiagnosed_symptomatic'		
Undiagnosed with Some	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'diagnosed_asymptomatic'		
Undiagnosed & Asymptomatic	Education & Intervention	Online appointment scheduling option or to 'find a physician' page with a	'undiagnosed_asymptomatic'		

	Anxiety HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Anxiety Assessment Recommended	Schedule a screening/referral to Mental Health	Offer the participant the option to schedule an appointment with a mental health specialist.	'recommended'	At-Risk	
Tell a Doctor about your Symptoms	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'not_recommended_symptomatic'	At-Risk	
Keep a Symptom Journal	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'not_recommended_asymptomatic'	Low-Risk	

Back & Neck HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'spinePrimaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Seek Immediate Medical Attention	Referral to Nearest ER or Urgent Care	Suggest 911 call and if available, lead to ER queue (online wait list or phone number)	'meningitis_or_heart_symptoms'	High-Risk	
Seek Medical Attention	Referral to Nearest ER or Urgent Care	Suggest 911 call and if available, lead to ER queue (online wait list or phone number)	'incontinence_symptoms'	High-Risk	
See a Doctor Soon	Referral to Spine Specialist	Confirm availabiity for a nurse navigator to complete follow up calls to discuss next steps and schedule an appointment	'other_symptoms_reported'	At-Risk	
Severe Spine Impairment	Consultation with Orthopedic Surgeon	Confirm availabiity for a nurse navigator to complete follow up calls to discuss next steps and schedule an evaluation $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{$	'severe_impairment'	At-Risk	
Moderate Spine Impairment	Consultation with Orthopedic Specialist	Confirm availabilty for a nurse navigator to complete follow up calls to discuss next steps and schedule an appointment	'moderate_impairment'	At-Risk	
Mild Spine Impairment	Referral to Physical Therapy	Confirm availabilty for a nurse navigator to complete follow up calls to discuss next steps and schedule an appointment	'mild_impairment'	At-Risk	
No Spine Impairment	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'no_impairment'	Low-Risk	

	Bladder Control HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element		
Worrisome Urinary Symptoms	Follow up with a Urologist	Offer the participant the option to schedule an appointment with a urologist through online scheduling or a nurse navigator follow up phone call.	has_worrisome_urinary_symptoms		
Greatly Bothered by Stress	Follow up with a Urologist	Offer the participant the option to schedule an appointment with a urologist	greatly_bothered_by_stress_leaks		
Urge or Stress Leaks or	Follow up with a Urologist	Offer the participant the option to schedule an appointment with a urologist	has_urge_or_stress_leaks_or_frequent_urination		
Other Cause Leaks	Follow up with a Urologist	Offer the participant the option to schedule an appointment with a urologist	has_leaks_not_related_to_urge_or_stress		
No Reported Urinary Problem	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	no_leaks_or_frequent_urination		

	Breast Cancer HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Screening for Genetic Factors	Referal to genetic counselor	Confirm what genetic screening options are available. Connect the	'genetic_screening_recommended'	At-Risk	
Re-Screening for Genetic	Schedule a Genetic Screening	Confirm what genetic screening options are available. Connect the	${\tt genetic_rescreening_recommended}$	At-Risk	
Schedule Screening	Schedule a Mammogram	Lead to online scheduling for a mammogram.	'screening_recommended'	At-Risk	
Follow Recommended	Learn More about recommended screening	Online appointment scheduling option to see a gynecologist or to 'find a	'follow_recommended_screening'	Low-Risk	
Discuss Future Screening	Learn More about breast cancer risks; Follow	Online appointment scheduling option to see a gynecologist or to 'find a	'discuss_future_screening'	Low-Risk	
Continue Annual Screening	Follow Up with Gynecologist or Primary Care	Online appointment scheduling option to see a gynecologist or to 'find a	'continue_annual_screening'	Low-Risk	
Continue Recommended	Continue to schedule regular mammograms;	Online appointment scheduling option to see a gynecologist or to 'find a	'continue_recommended_screening	Low-Risk	

Colon Cancer HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Personal Cancer History -	Follow up with a Specialist	Confirm what chronic care management options are available. If no program	'monitoring_rec_existing_crc'	At-Risk	
Discuss Screening Schedule	Schedule a Colonoscopy	Confirm whether or not a primary care referral is needed before scheduling a	'discuss_screening_schedule'	At-Risk	
Discuss Symptoms with a	Follow up with a Specialist	appointment.	'discuss_symptoms'	At-Risk	
Schedule Routine Screening	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'schedule_routine_screening_now'	At-Risk	
Continue Routine Screening	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'continue_routine_screening'	At-Risk	
Above Recommended Age for	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'above_rec_screening_age'	Unknown	
Below Recommended Age for Screening	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'below_rec_screening_age'	Unknown	

	COPD HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element		
Screening Recommended	Schedule a Screening with a Pulmonologist	Confirm whether or not a primary care referral is needed before scheduling an appointment with a pulmonologist. Lead participants to a nurse navigator or online scheduling tool to book an appointment.	screening_recommended		
Manage Your COPD With Your Doctor	Schedule Annual Physical with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	manage_existing_copd		
Talk to a Doctor About Your COPD	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	discuss_existing_copd		
Screening May Be Recommended	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	screening_may_be_recommended		
Tell a Doctor About Any Symptoms	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	discuss_symptoms		

	Depression HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element		
Depression Assessment Recommended	Schedule a screening/referral to Mental Health	Offer the participant the option to schedule an appointment with a mental health specialist.	'recommended'		
Tell a Doctor about your Symptoms	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'not_recommended_symptomatic'		
Keep a Symptom Journal	· · · · · · · · · · · · · · · · · · ·	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'not_recommended_asymptomatic'		

	Diabetes HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
At-Risk, Existing Diabetes	Enroll in Chronic Care Management	evicts offer the participant the entire to school learn appointment	'existing_diabetes'	At-Risk	
At Very High-Risk, Blood Sugar	Schedule a Diabetes Screening	Online appointment scheduling option to Diabetes screening.	'very_high_risk'	High-Risk	
High-Risk	Schedule a Diabetes Screening	Online appointment scheduling option to Diabetes screening.	'high_risk'	High-Risk	
Moderate Risk	Follow up with Primary Care	online appointment scheduling option or to linu a physician - page with a	'moderate_risk'	At-Risk	
Mooded	Follow up with Primary Care	commercia population of commercial to a shedular	'more_info_needed'	Unknown	
	Follow up with Primary Care	ommheapponlitheintschielauning option or to innu a physician page with a	'low_risk'	Low-Risk	

Healthy Weight HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values v3	Map Risk Level to LionShare CRM	
		Schedule a Primary Care Visit (online or through nurse navigator)	'unexplained_weight_loss'	High-Risk	
Current: Obesity	Follow up with a Primary Care Provider for Any Concerns and Annual Screenings	Schedule a Primary Care Visit (online or through nurse navigator)	'obese_lose_weight'	High-Risk	
Current: Overweight - Lose Weight	Enroll in Weight Management Program; Follow Up with Primary Care	Online enrollment for a Weight Management Program/Seminar	'overweight_lose_weight'	At-Risk	
Current: Overweight - Maintain Weight	Learn More through Healthy Weight Education; Follow Up with Primary Care	Find a Primary Care Doctor Tool and/or Landing Page for Further Reading	'overweight_maintain_weight'	Low-Risk	
Healthy Weight	Learn More through Healthy Weight Education; Follow Up with Primary Care	Find a Primary Care Doctor Tool and/or Landing Page for Further Reading	'normal_maintain_weight'	Low-Risk	
Underweight	Enroll in Weight Management Program; Follow Up with Primary Care	Online enrollment for a Weight Management Program/Seminar	'underweight gain weight'	At-Risk	

Heart HRA				
Risk Levels	Best Performing CTAs,	Support Required	Expected Values v3	Map Risk Level to LionShare CRM
Condition	Enroll in Chronic Care Management	confirm what chronic care management options are available. If no program	'existing'	High-Risk
At High Near-term Risk	Schedule a Cardiovascular Screening	contrintfwhether of intraphtha y tareferen artisheeueu werden escheuithing an	'highNearTerm'	High-Risk
At High Long-term Risk	Follow up with a Primary Care Provider	cead in mgn Loitg-centrisk; ridulerade kisk, Nicretased Risk, and cow-risk	'highLongTerm'	High-Risk
At Moderate Risk	Follow up with a Primary Care Provider	<u>Deati sir ringri Long-cellin Risk, violterant risk, firli reaseti risk, ratro 'Eod-Risk</u>	'moderate'	At-Risk
At Increased Risk	Follow up with a Primary Care Provider	ceati Air might Long-teilin Arsk; nioterate Arsk; Inlineased Arsk; atro 'Eod-Arsk	'increased'	At-Risk
At Low-Risk	for Any Concerns and Annual Corporings	Repteat Chas for no calling journiets post mka Colingrentin, canonifigeach	'low'	Low-Risk
Unknown Risk	Blood Pressure Screening	common whiteheir brintorchiere is a proposition pressure screening or neart scan	'unknown'	Unknown

	Knee & Hip HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'jointAssessment' Data Element	Map Risk Level to LionShare CRM Risk Level	
Severe Symptoms	l Referral to an orthonedic surgeon	Confirm availabilty for a nurse navigator to complete follow up calls to discuss next steps and schedule an evaluation $ \frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left($	'severe_problems'	High-Risk	
Moderate Symptoms	Referral to an orthonedic specialist	Confirm availabilty for a nurse navigator to complete follow up calls to discuss next steps and schedule an appointment	'moderate_problems'	At-Risk	
Mild Symptoms	I FOLIOW LID WITH Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'mild_problems'	At-Risk	
No Symptoms	I Annual screening with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	'no_problems'	Low-Risk	

Lung Cancer HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'screening' Data Element	Map Risk Level to LionShare CRM Risk Level	
Screening May Be	Schedule LDCT Scan	Confirm whether or not a primary care referral is needed before scheduling an	'recommended'	At-Risk	
Not Currently Recommended	Follow up with Primary Care/Enroll in	Online appointment scheduling option or to 'find a physician' page with a	'not_recommended_smoker'	At-Risk	
Discuss Screening Options	Schedule a Consultation	Lead participants to a nurse navigator or online scheduling tool to schedule a	'discuss'	At-Risk	
Former Smoker - Not	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'not_recommended_quit'	At-Risk	
Discuss Screening Options at	Establish Screening Schedule with Primary	Online appointment scheduling option or to 'find a physician' page with a	'not_recommended_young'	At-Risk	
Not Recommended Due to Age	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'not_recommended_old'	Unknown	
Never Smoker - Not	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a	'not_recommended_never'	Low-Risk	

Peripheral Artery Disease HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Seek Medical Attention Soon	Referral to Nearest ER or Urgent Care	Suggest 911 can and it available, lead to EN quede (offinite wait list of priorie	'recommended_symptomatic'	High-Risk	
Screening Recommended		Online appointment scheduling option to a vascular screening.	'recommended'	At-Risk	
More Information Needed	schedule vascular screening and refer to	chronic core enrollment (if evollable)	'info_needed'	At-Risk	
No Screening Recommended		chrinneappromentelm schéideinnig dylcton or to mind a physician page with a	'not_recommended'	Low-Risk	
Unknown Risk	Follow up with Primary Care	onmheapponlithenescheduning option or to linu a physician page with a	"	Unknown	

Prostate Cancer HRA					
Risk Levels	Best Performing CTAs, Nationally	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level		
At-Risk, Existing Condition	Follow up with a Specialist	evicts offer the participant the entire to school learn appointment with a	'existing_pca'	At-Risk	
At-KISK, Has Existing Screening	Schedule a Prostate Screening	contrain infontence of initial participants to a pure paying to a police	'has_existing_screening_plan'	At-Risk	
Altiviouerate Kisk, Discuss		ornrhetapporntinent scheauting optrom or to nnarai physiciam plage with a	'discuss_screening'	At-Risk	
At Average Risk (under 40),	Follow up with Primary Care	commercia call to schedule	'discuss_screening_at_age_forty'	At-Risk	
Rinous Carearia Cartiana		commercial to a sheard a selection of the selection of th	discuss sarooning at ago fortufive!	At-Risk	
Eiw-Krsk; triscuss Streening at	Follow up with Primary Care	commetapponilitaeneschidaumig option or to lima a physician i page with a		Low-Risk	

	Shoulder & Elbow HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level		
Severe Symptoms	Referral to an orthopedic surgeon	Confirm availability for a nurse navigator to complete follow up calls to discuss next steps and schedule an evaluation	severe_symptoms	High-Risk		
Moderate Symptoms	Referral to an orthopedic specialist	Confirm availability for a nurse navigator to complete follow up calls to discuss next steps and schedule an appointment	moderate_symptoms	At-Risk		
Mild Symptoms	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	mild_symptoms	At-Risk		
No Symptoms	I Annual screening with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	no_symptoms	Low-Risk		

Repeat CTAs in follow up emails/nurturing messages

Sleep HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
IAT HIGH-RISK	disorder contor	Included the for following or a murse	'high_risk'	High-Risk	
	Follow up with Primary Care	onime apported and school a	'unknown_risk'	Unknown	
At Low-Risk	Follow up with Primary Care	onmheapponlitnentschieduning option or to liniu a physician page with a	'low_risk'	Low-Risk	

Stroke HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
High-Risk, Existing Condition	Enroll in Chronic Care Management	evicts, offer the participant the ention to school learn appointment with a	'high2'	High-Risk	
High-Risk		contri informetine ort inio ontet ensia viscotrar screening avannaio te anota ciwha c	'high1'	High-Risk	
Moderate Risk	reollow up with Primary Care	confineration and to school upon the confineration of the confineration and the confirmation and the confineration and the confinera	'moderate'	At-Risk	
Low-Risk	Schedule Annual Physical with Primary Care	ommheapponlitheintschieduning option or to ninu a physician page with a	'low'	Low-Risk	

	Substance Use HRA				
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
, ,	Schedule an appointment/referral to treatment center or substance use specialist	Offer the participant the option to schedule an appointment with a substance use specialist or find a treatment center	seek_immediate_help	High-Risk	
See a Healthcare Professional	Schedule a screening/referral to Mental Health	Offer the participant the option to schedule an appointment with a mental health specialist.	evaluation_recommended	At-Risk	
Learn More About Treatment Options	Follow up with Primary Care (for caregivers)	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	learn_about_treatment	At-Risk	
Tell a Healthcare Provider If Things Change	Follow up with Primary Care	Online appointment scheduling option or to 'find a physician' page with a number to call to schedule.	notify_pcp_of_future_changes	Low-Risk	

Weight Loss HRA					
Risk Levels	Best Performing CTAs, Nationally	Support Required	Expected Values 'primaryResult' Data Element	Map Risk Level to LionShare CRM Risk Level	
Possible Surgery Candidate	Refer for Bariatric Surgery Evaluation	Confirm availabiity for a nurse navigator to complete follow up calls to discuss next steps and schedule an evaluation	'possible_surgery_candidate'	At-Risk	
Screening Needed to Determine Eligibility	Refer to Primary Care for Physical Evaluation	Schedule a Primary Care Visit (online or through nurse navigator)	'screening_needed'	At-Risk	
Weight Loss Recommended	Enroll in Weight Management Program	Online enrollment for a Weight Management Program/Seminar	'weight_loss_recommended'	At-Risk	
Recommend "Quality of Life" Follow-up	Refer to Primary Care for Physical Evaluation	Schedule a Primary Care Visit (online or through nurse navigator)	'recommend_qol_followup'	At-Risk	
Weight Loss May Be Recommended	Enroll in Weight Management Program	Online enrollment for a Weight Management Program/Seminar	'weight_loss_may_be_recomme nded'	At-Risk	
Weight Loss Not Recommended	Learn More through Healthy Weight Education; Follow Up with Primary Care	Find a Primary Care Doctor Tool and/or Landing Page for Further Reading	'weight_loss_not_recommended'	Low-Risk	