

HMC Demographic Descriptions

	PI Name	Site Name	Sample Size	Age group included	Further population description	Minority sample description
	DiClemente, Ralph	Emory University	700	Adolescents	Planned Parenthood attendees	African American teens
	Elliot, Diane	Oregon Health Sciences Univ	2600	Adults	fire fighters	FU of Fire Fighters - unknown demo
	Friedman, Robert	Boston Medical Center	1531	Adults	selected by random digit dialing	Unknown
	Gorin, Amy	Miriam Hospital - Gorin	200	Adults	Overwt & obese men & women	25% minority
	Hughes, S.L.	University of Illinois	600	Older Adults	Older adults with Osteoarthritis	Based on initial RCT expect 71%W, 24%AA, 5% other
	Killen, Joel	Stanford Univ School of Med	400	Adults	Community	Will attempt to recruit minority smokers
	Kirby, Kimberly	Treatment Research Institute	128	Adults	Cocaine-dependent or abusing, stabilized on methadone	Recruitment site:60%AA, 30% Hispanic, 10% White
	Klesges, Robert	Mayo Clinic Cancer Center	800	Adults		15% planned
	Lapham, Sandra	Beh Research Ctr of the SW	1396	Adults	cohort of DWI offenders	FU of sample that is 36%W, 47% Hipsanic, 14%NA, 3%other
	Lowe, Michael	Drexel University	280	Adults	Overwght/obese id by primary care doc	Recruitment site: 50%AA, 40%W, 10%Asian/Latino
	Martinson, Brian	Health Partners Research Fdn	1000	Older Adults	MCO members who report newly PA	Unknown
	McKay, James	University of Pennsylvania	300	Adults	Inner city, lower socio-economic	75% AA, 5% other minorities
	Rimer, Barbara	UNC-Chapel Hill	3545	Women 40-75	members of state health plan	State empl hith plan 68%W, 29%AA is state empl demographic
	Roll, John DURATION	FRI - DURATION	120	Adults	Meth-dependent, treatment seeking individuals	Yes
	Roll, John LTBC	FRI - LTBC	120	Adults	Methamphed amine dependent tx seeking	Unknown
	Toobert, Deborah	Oregon Research Institute	279	Older Adults	Postmenopausal women	FU of 279 unkwon demo postmen women (10% minority)
	Williams, Geoffrey	University of Rochester	950	Adults	Current Smokers	Study 1: 22% minority
	Williams, Paul	Lawrence Berkeley National Lab	16000	Adults	runners, walkers from existing cohort	target: 20% minority
	Wing, Rena	Miriam Hospital - Wing	400	Adults	wt loss maintainers, healthy controls	Unknown

HMC Behavioral Outcomes, Theories, and Mediators Description

	PI Name	Main target behavior	MAIN MEDIATOR	SECONDARY MEDIATOR
	DiClemente, Ralph	HIV Prevention	HIV knowledge	self efficacy
	Elliot, Diane	Lifestyle Change	motivational interviewing	environ support, personal beliefs, readiness, skills, affect, self-efficacy
	Friedman, Robert	Dietary Change	Goal setting variables	self efficacy
	Gorin, Amy	Weight Loss	Home support	
	Hughes, S.L.	Physical Activity	Self-efficacy for exercise	Self-efficacy for time adherence and barriers adherence
	Killen, Joel	Smoking Cessation	Moderator: gene factors, nicotine dependence	Moderator: gender
	Kirby, Kimberly	Drug Abstinence	Length of CM	Natural reinforcers & social support
	Klesges, Robert	Smoking Cessation	Step care	Self-eff, outcome expectancy, motivational readiness, social support depression
	Lapham, Sandra	DWI	Sobriety	
	Lowe, Michael	Weight Loss Maintenance	Energy density	Structure of food environment
	Martinson, Brian	Physical Activity	self-efficacy	social support, perceived benefits
	McKay, James	Alcohol Abuse	Positive activities i.e. attendance at self-help mtg, soc sup & commit. to abstinence	Adherence to phone contact protocol
	Rimer, Barbara	Mammography	Decisional Balance	anticipated pos/neg conseq/emotions of get/not get mam
	Roll, John DURATION	Methamphetamine Abstinence	Duration of the Intervention	Psych comorbidity, health status, naturalistic reinforcement density
	Roll, John LTBC	Drug Abstinence	CM schedule	Psych comorbidity
	Toobert, Deborah	Lifestyle Change	supportive resources	emotional distress / problem solving / coping / self efficacy
	Williams, Geoffrey	Tobacco Abstinence	med adherence	family support
	Williams, Paul	Physical Activity	Social Support	intellectual interest
	Wing, Rena	Weight Loss	quality of life-social support	weight control behavior

HMC Intervention Characteristics and Adherence Outcomes

	PI Name	Intervention type/setting	Measure of adherence	Length of adherence in months
	DiClemente, Ralph	Individual counseling sessions	consistent condom use	18
	Elliot, Diane	Fire stations	PA, diet, anthropometrics	72
	Friedman, Robert	Phone	Diet	24
	Gorin, Amy	Clinic and home	wt loss and behav change	18
	Hughes, S.L.	Center / phone	PA, attendance	24
	Killen, Joel	Cessation clinic established in community	Self-report at clinic visit and phone VMR	
	Kirby, Kimberly	Community Clinic, Methadone maintenance	Abstinence from cocaine	24
	Klesges, Robert	Primary Care	Cessation	24
	Lapham, Sandra	Interviews	no driving violations	180
	Lowe, Michael	Primary Care	Weight Loss maintenance and changes in food choice	36
	Martinson, Brian	Phone, letter	PA and PA maint	24
	McKay, James	Phone/clinic	Abstinence	24
	Rimer, Barbara	Letter, phone reminder	annual&sustained mam rate	12
	Roll, John DURATION	Clinic	Meth negative urine sample, attendance at sessions	16
	Roll, John LTBC	Clinic	Drug-free urine	12
	Toobert, Deborah	Research Institute	diet, PA, cessation, supp resources/stress mgmt	84
	Williams, Geoffrey	Clinic	Cessation	32 (study 1), 24 (study 2)
	Williams, Paul	Internet / Post cards	PA and increased resource use	36
	Wing, Rena	N/A	Yes	

HMC Health Status, Quality of Life, Behavioral Measures

	PI Name	Health Status Measured	Quality of Life Measured	Diet Measured	Physical Activity Measured	Smoking Cessation Measured	Drug/Alcohol Measured
	DiClemente, Ralph	Yes	No				Yes
	Elliot, Diane	Yes	Yes	Yes	Yes	Yes	
	Friedman, Robert	Yes	No	Yes			
	Gorin, Amy	Yes	Yes	Yes	Yes	No	No
	Hughes, S.L.	Yes	Yes		Yes		
	Killen, Joel	Yes	No	No	No	Yes	Exclude heavy use
	Kirby, Kimberly	No	Yes	No	No	No	Yes
	Klesges, Robert	Yes	No			Yes	
	Lapham, Sandra	Yes	Yes				Yes
	Lowe, Michael		Yes	Yes	Yes		
	Martinson, Brian	Yes	Yes		Yes	Yes	
	McKay, James	No	No	No		Yes	Yes
	Rimer, Barbara	Yes	Yes	Yes	Yes	Yes	
	Roll, John DURATION	Yes	Yes	Yes	Yes	Yes	Yes
	Roll, John LTBC	Yes	Yes				Yes
	Toobert, Deborah	Yes	Yes	Yes	Yes	Yes	
	Williams, Geoffrey	Yes	Yes			Yes	Yes
	Williams, Paul	Yes		Yes	Yes	Yes	Yes
	Wing, Rena	Yes	Yes	Yes	Yes	No	No

HMC Biological & Validation Measures

	PI Name	Main target behavior	Anthropometrics Measured	Biological measurements	Validation Measure Used
	DiClemente, Ralph	HIV Prevention			
	Elliot, Diane	Lifestyle Change	Yes	Yes	Yes
	Friedman, Robert	Dietary Change		Yes	Yes
	Gorin, Amy	Weight Loss	Yes	No	No
	Hughes, S.L.	Physical Activity	Yes	Yes	
	Killen, Joel	Smoking Cessation	Yes	Yes	Yes
	Kirby, Kimberly	Drug Abstinence	No	Yes	Yes
	Klesges, Robert	Smoking Cessation	Yes	Yes	Yes
	Lapham, Sandra	DWI	Yes		Yes
	Lowe, Michael	Weight Loss Maintenance	Yes	Yes	Yes
	Martinson, Brian	Physical Activity			Yes
	McKay, James	Alcohol Abuse		Yes	Yes
	Rimer, Barbara	Mammography	Yes		Yes
	Roll, John DURATION	Methamphetamine Abstinence	No	Yes	Yes
	Roll, John LTBC	Drug Abstinence		Yes	Yes
	Toobert, Deborah	Lifestyle Change	Yes	Yes	Yes
	Williams, Geoffrey	Tobacco Abstinence		Yes	Yes
	Williams, Paul	Physical Activity	Yes		Yes
	Wing, Rena	Weight Loss	Yes	No	Yes

HMC Common Mediators and Moderators

	PI Name	Depression	Social Support	Self Efficacy	Decisional Balance	Outcome Expectancy	Autonomy/Self determination	Stress	Stage of change
	DiClemente, Ralph	Yes	Yes	Yes		Yes		Yes	
	Elliot, Diane	Yes	Yes	Yes			Yes		Yes
	Friedman, Robert	Yes	Yes	Yes	Yes		Yes	Yes	Yes
	Gorin, Amy	Yes	Yes	No	No	No	Yes	Yes	No
	Hughes, S.L.	Yes	Yes	Yes	Yes	Yes			Yes
	Killen, Joel	Yes	No	Yes	No	No	No	No	No
	Kirby, Kimberly	No	Yes	No	No	No	No	No	No
	Klesges, Robert	Yes							Yes -only as heuristic
	Lapham, Sandra	Yes				Yes		Yes	
	Lowe, Michael			Yes					
	Martinson, Brian	Yes	Yes	Yes	No	Yes			
	McKay, James	Yes	Yes	Yes	No	Yes	No	No	Yes
	Rimer, Barbara		Related items	Yes	Yes	Related items	Yes		Yes
	Roll, John DURATION	Yes	Yes	No	No	No	No	Yes	No
	Roll, John LTBC	Yes		Yes		Yes		Yes	
	Toobert, Deborah	Yes	Yes	Yes				Yes	
	Williams, Geoffrey	Yes	Yes	Yes (mea	Yes		Yes	Yes	Yes
	Williams, Paul				Yes		Yes		
	Wing, Rena	No	Yes	Yes	No	No	No	No	No

HMC Quality of Life and Cost Effectiveness

	PI Name	Quality of Life Measured	QOL tool used	Is cost/cost effectiveness measured	Cost/cost effectiveness measure
	DiClemente, Ralph	No		Yes	Program costs to be calculated
	Elliot, Diane	Yes	SF36, BRFSS items	Yes	prevention of sick time, injury rate, work related health care
	Friedman, Robert	No	To be determined		
	Gorin, Amy	Yes			
	Hughes, S.L.	Yes	SF36		
	Killen, Joel	No	N/A	No	N/A
	Kirby, Kimberly	Yes	ComQOL	No	N/A
	Klesges, Robert	No			
	Lapham, Sandra	Yes			
	Lowe, Michael	Yes	Impact of Weight on QOL (31)		
	Martinson, Brian	Yes	SF12		
	McKay, James	No		Yes	cost comparison of 3 treatments
	Rimer, Barbara	Yes		Yes	comparison of costs
	Roll, John DURATION	Yes	ComQOL		
	Roll, John LTBC	Yes	Pleasant Life Events, Q-LES-Q		
	Toobert, Deborah	Yes	PAID Prob Areas in Diab	Yes	no info
	Williams, Geoffrey	Yes	BRFSS items	Yes	
	Williams, Paul				
	Wing, Rena	Yes	SF36	No	N/A