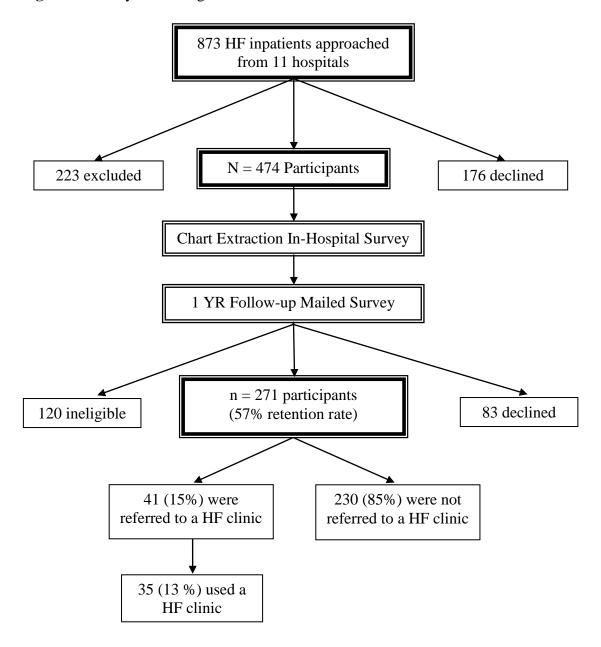
SUPPLEMENTARY MATERIAL

Supplemental Figure S1. Expanded behavioral model of healthcare utilization framework for analyses: factors associated with HF clinic use

Environmental Factors <u>Healthcare Level</u>	Individual Factors <u>Patient Level</u>			
	Factors		Measures	
- Referral to other disease	Predisposing	- Age; sex	Chart report	•
management programs*		1190, 500	Chair report	
(self-report, yes/no: count):		- Employment; education*; family income; race/ethnicity	Investigator-generated items (self-report)	
Cardiac Rehabilitation*		- Depressive symptoms	Beck Depression Inventory – II (BDI-II)	
Occupational therapy*	Enabling			
Physical therapy*Stroke Clinic	C	 Degree of rurality; marital status; Living arrangements 	Investigator-generated sociodemographic items (self-report)	
Diabetes Clinic*Dietitian*		- Stress*	The Perceived Stress Scale (PSS)	HF Clinic Use
Smoking Cessation Program*			The ENRICHD Social Support Inventory (ESSI)	(yes/no)
•	Need	- CV risk factors; cardiac event*; Left ventricular ejection fraction* (<40%>), New York Heart Association (NYHA) class	Chart report	-
- HF clinic at hospital recruitment site (yes/no)		- Comorbid conditions; body mass index, cardiac history	Chart and self-report	
		 Number of primary care physician visits; heart specialist visits and emergency room admissions; cardiac readmissions 	Investigator-generated items (self-report)	<u> </u>
- Hospital type (academic versus other)		- Functional status	Duke Activity Status Index (DASI)	
(academic versus other)		- Physical activity	The Physical Activity Scale for the Elderly (PASE)	

^{*}P <0.1 at the bivariate level

Supplemental Figure S2. Study Flow Diagram



Supplemental Table S1. Sociodemographic and clinical characteristics of HF patients by participant status at 1-year post-hospitalization

Characteristic	Retained	Ineligible	Declined	Total	P value
	n=271	n=120	n=83	N= 474	
Sociodemographic					
Age, mean yrs (SD)	67.3 (11.5)	70.5 (12.1)	65.5 (12.9)	67.8 (12.0)	0.01
Sex, female, n (%)	70 (25.8)	45 (37.8)	31 (37.3)	146 (30.8)	0.02
Ethnocultural background, white, n (%)	219 (84.9)	89 (79.5)	57 (72.2)	365 (81.3)	0.03
Married, n (%)	189 (71.1)	68 (57.1)	53 (64.6)	310 (66.4)	0.03
Education, completed high school, n (%)	187 (71.1)	66 (57.4)	55 (68.8)	308 (67.2)	0.03
Work Status, retired, n (%)	147 (56.5)	76 (67.9)	38 (48.7)	261 (58.0)	0.02
Family income, < \$50,000CAD, n (%)	128 (60.1)	61 (67.8)	36 (64.3)	225 (62.7)	0.43
Rural living, n (%)	49 (18.1)	37 (30.8)	21 (25.3)	107 (22.6)	0.02
Clinical					
Index Cardiac condition/procedure, n (%)					
MI	78 (29.1)	45 (37.8)	31 (37.8)	154 (32.8)	0.14
PCI	56 (20.8)	13 (10.9)	16 (19.5)	85 (18.1)	0.06
CABG	88 (32.7)	24 (20.2)	23 (28.0)	135 (28.7)	0.04
Arrhythmia	63 (23.4)	23 (19.3)	20 (24.4)	106 (22.6)	0.61
Valve repair/replacement	39 (14.6)	8 (6.8)	5 (6.1)	52 (11.1)	0.02
Diabetes, n (%)	98 (36.7)	52 (43.7)	40 (48.8)	190 (40.6)	0.11
LVEF < 40%	103 (56.0)	37 (52.9)	32 (52.5)	172 (54.6)	0.84
NYHA class III-IV	71 (67.0)	21 (77.8)	16 (64.0)	108 (68.4)	0.50

BMI, mean (SD)	28.3 (6.6)	27.9 (6.4)	28.3 (6.2)	28.3 (6.5)	0.60
Hypertension, n (%)	187 (75.1)	85 (77.3)	63 (79.7)	335 (76.5)	0.68
Dyslipidemia, n (%)	166 (75.5)	69 (79.3)	58 (86.6)	293 (78.3)	0.15
Smoker, current, n (%)	25 (9.6)	4 (3.5)	10 (12.8)	39 (8.6)	0.05
Depression (BDI-II), mean (SD)	10.7 (8.6)	14.9 (9.8)	12.4 (8.5)	12.0 ± 9.0	< 0.001
Functional Status (DASI), mean (SD)	23.5 ± 14.8	15.6 ± 13.2	18.6 ± 14.2	20.6 ± 14.7	< 0.001

Percentages take into account missing data for some variables. BMI, body mass index; CABG, coronary artery bypass graft; MI, myocardial infarction; LVEF, left ventricular ejection fraction; NYHA, New York Heart Association; PCI, percutaneous coronary intervention; DASI, Duke Activity Status Index; BDI, Beck Depression Inventory.