

Overall Report - Detailed

(Data Source: Baseline Survey)



Total Screened Patients at Selected Site(s) (N) = 26804

Total Screened Patients All FSPP Sites (N) = 26804

Date Range: July 01, 2017 to May 31, 2021

Number of Selected Clinics included in this report = 39

Number of Provincial FSPP Clinics included in this report = 39

Report Generated On: June 02, 2021 at 10:08 PM



Demographics

Selected Site(s): There were 26804 screened fragility fracture patients from 39 hospital site(s). The demographic descriptive statistics for the total number of screened patients for the selected date range is shown in Table 1.

All FSPP Sites: There were 26804 screened fragility fracture patients from 39 hospital sites.

Table 1 - Sample Description : Demographics

Characteristics		Total Screened Patients At Selected Site(s) (N = 26804)	Total Screened Patients All FSPP Sites (N = 26804)
Mode of Screening	In Person	25425/26804 (94.9%)	25425/26803 (94.9%)
	By Phone	1353/26804 (5.0%)	1353/26803 (5.0%)
	Telemedicine/Video Conference	25/26804 (0.1%)	25/26803 (0.1%)
Age	Mean (SD)	71.6 (11.5)	71.6 (11.5)
	Range	50 - 105	50 - 105
Gender	Male	4585 (17.1%)	4585 (17.1%)
	Female	22219 (82.9%)	22219 (82.9%)
Marital Status	Married/Common-law	13868/24256 (57.2%)	13868/24256 (57.2%)
	Separated/Divorced	1668/24256 (6.9%)	1668/24256 (6.9%)
	Single/Widowed	8004/24256 (33.0%)	8004/24256 (33.0%)
Living Arrangement	Alone in a house or an apartment	6078/24835 (24.5%)	6078/24835 (24.5%)
	With a spouse, family member or roommate in a house or an apartment	16434/24835 (66.2%)	16434/24835 (66.2%)
	In a nursing home/long term care facility	672/24835 (2.7%)	672/24835 (2.7%)
	Other residential facility (i.e., senior's residence, retirement home, supportive housing)	1088/24835 (4.4%)	1088/24835 (4.4%)
Work Status	Currently work for pay	5182/24333 (21.3%)	5182/24333 (21.3%)
	Not working	18934/24333 (77.8%)	18934/24333 (77.8%)

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Table 1 - Sample Description : Demographics

Characteristics		Total Screened Patients At Selected Site(s) (N = 26804)	Total Screened Patients All FSPP Sites (N = 26804)
	Of those not working: retired	16623/18934 (87.8%)	16623/18934 (87.8%)
Have a family doctor/nurse practitioner	Yes	25847 (96.4%)	25847 (96.4%)
	No	957 (3.6%)	957 (3.6%)
Other Conditions**	Heart disease	3611/24226 (14.9%)	3611/24226 (14.9%)
	Diabetes	3595/24226 (14.8%)	3595/24226 (14.8%)
	Respiratory disease	2102/24226 (8.7%)	2102/24226 (8.7%)
	Cancer	1556/24226 (6.4%)	1556/24226 (6.4%)
	Arthritis	4190/24226 (17.3%)	4190/24226 (17.3%)
	High blood pressure	10369/24226 (42.8%)	10369/24226 (42.8%)
	High cholesterol	6799/24226 (28.1%)	6799/24226 (28.1%)
	None of the above	8215/24226 (33.9%)	8215/24226 (33.9%)
**patients can have > 1 condition, % may not add up to 100%			

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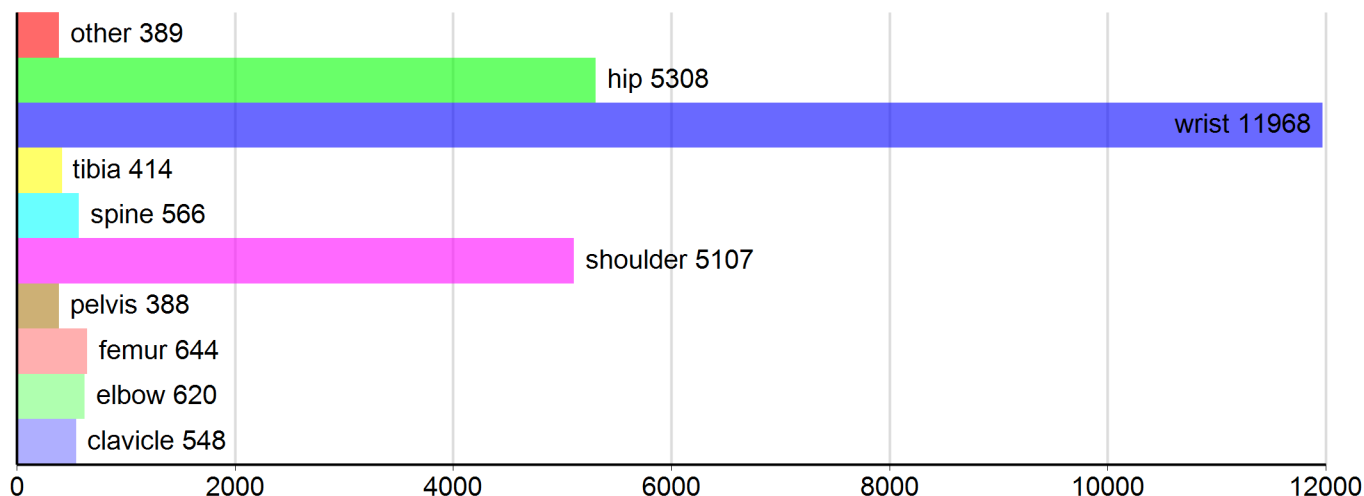
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Screened Patients: Selected Site(s)



*Above graph includes the number of patients presenting with a single fragility fracture only.

Table 2a: Fracture Sites - Selected Site(s)		Table 2b: Fracture Sites - All FSPP Sites	
Most Frequent Fragility Fractures		Most Frequent Fragility Fractures	
wrist	11965/26804 (44.6%)	wrist	11968/26804 (44.7%)
hip	5305/26804 (19.8%)	hip	5308/26804 (19.8%)
shoulder	5107/26804 (19.1%)	shoulder	5107/26804 (19.1%)
femur	644/26804 (2.4%)	femur	644/26804 (2.4%)
elbow	620/26804 (2.3%)	elbow	620/26804 (2.3%)

*Tables 2a and 2b include the number of patients presenting with a single fragility fracture only. Table 2c includes the number of patients presenting with two or more fragility fractures.

Table 2c: Multiple Fragility Fractures		
	Selected Sites	All FSPP Sites
Patients Presenting with Multiple Fractures	859/26804 (3.2%)	862/26804 (3.2%)

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Fracture and Fall Risk Profiles

Table 3 - Fracture Risk Profile

Risk Factors		Selected Site(s) (Not-on-treatment Patients Only)	All FSPP Sites (Not-on-treatment Patients Only)
Previous fragility fracture, n (%)		2860/21742 (13.2%)	2860/21742 (13.2%)
Parental Hip Fracture, n (%)		1894/21742 (8.7%)	1894/21742 (8.7%)
Weight less than 60 kg or 132 lbs, n (%)		4443/21742 (20.4%)	4443/21742 (20.4%)
Steroid use more than 3 months, n (%)		269/21742 (1.2%)	269/21742 (1.2%)

Table 4 - Fall Risk Profile

Tinetti Fall Risk (Risk Factors)		Selected Site(s) (All Screened Patients)	All FSPP Sites (All Screened Patients)
Current fracture due to a fall		26084/26804 (97.3%)	26084/26804 (97.3%)
Fall in past year, n (%)		5460/26804 (20.4%)	5460/26804 (20.4%)
Unsteady, trouble getting up, n (%)		7529/26804 (28.1%)	7529/26804 (28.1%)

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Treatment Status

Among the total screened population (N = 26804)

Table 5 - Treatment Status (N = All screened patients)

	Selected Site(s)	All FSPP Sites
#/N (%) patients reported being on OP medications, of which	5064/26804 (18.9%)	5064/26804 (18.9%)
#/n (%) have been taking OP medication less than one year (started AFTER this fracture)	938/5062 (18.5%)	938/5062 (18.5%)
#/n (%) have been taking OP medication less than one year (started BEFORE this fracture)	830/5062 (16.4%)	830/5062 (16.4%)
#/n (%) have been taking OP medication for 1-5 years	2102/5062 (41.5%)	2102/5062 (41.5%)
#/n (%) have been taking OP medication for more than 5 years	1008/5062 (19.9%)	1008/5062 (19.9%)
#/n (%) reported being prescribed OP medications but were not taking them	254/21742 (1.2%)	254/21742 (1.2%)

Diagnostic Status (for patients reporting BMD in past year)

Among the not-on-treatment screened population (N = D1.1 not equal to any meds)

Table 6 - Diagnostics Status (N = Number of not-on-treatment patients responding to BMD Test in the Past Year)

	Selected Site(s)	All FSPP Sites
#/N (%) patients had a BMD in the past year, of which	1965/15163 (13.0%)	1965/15163 (13.0%)
#/n (%) Had a BMD test and self-report of BMD Results	1419/1965 (72.2%)	1419/1965 (72.2%)
#/n (%) Have osteoporosis	230/1965 (11.7%)	230/1965 (11.7%)
#/n (%) Have low bone density in at least one area, n (%)	548/1965 (27.9%)	548/1965 (27.9%)
#/n (%) Normal or high bone density, n(%)	641/1965 (32.6%)	641/1965 (32.6%)
#/n (%) Do not know the results, n(%)	510/1965 (26.0%)	510/1965 (26.0%)

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Patient Knowledge

Perception of Bone Health

Table 7 – Perception of Bone Health: Worried or Concerned about Bone Health

		Selected Site(s)	All FSPP Sites
Patients are worried/concerned about their bone health as a result of the fracture		10797/22684 (47.6%)	10797/22684 (47.6%)
Patients are not concerned		8579/22684 (37.8%)	8579/22684 (37.8%)
Do not know		2976/22684 (13.1%)	2976/22684 (13.1%)
Did not answer or refused to answer the question		332/22684 (1.5%)	332/22684 (1.5%)

Specialist Referrals and Diagnostics

Table 8 a - Primary Specialist Referrals

	Patients on treatment (#) Selected Site(s)	Patients on treatment (#) All FSPP Sites	Patients not on treatment (#) Selected Site(s)	Patients not on treatment (#) All FSPP Sites
Patients referred to specialist	655/5064 (12.9%)	655/5064 (12.9%)	3753/21740 (17.3%)	3753/21740 (17.3%)

Table 8 b - Secondary Specialist Referrals

	Patients not on treatment (#) Selected Site(s)	Patients not on treatment (#) All FSPP Sites
Patients referred to specialist	1223/21740 (5.6%)	1223/21740 (5.6%)

*Patients may require BMD to determine eligibility for specialist referral. Numbers may change due to lag time.

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Table 9 - Diagnostics

	Patients not on treatment (#) Selected Site(s)	Patients not on treatment (#) All FSPP Sites
Patients requiring BMD to determine Fracture Risk Assessment #/N (%)	8940/21742 (41.1%)	8940/21742 (41.1%)
Coordinator made arrangements for BMD test	6032/8940 (67.5%)	6032/8940 (67.5%)
Of which, # of BMD tests completed	4955/6032 (82.1%)	4955/6032 (82.1%)
Determined to be high risk	1744/4955 (35.2%)	1744/4955 (35.2%)
Determined to be moderate risk	2649/4955 (53.5%)	2649/4955 (53.5%)
Determined to be low risk	101/4955 (2.0%)	101/4955 (2.0%)
*Patients may have completed the BMD test, but the fracture risk results have not yet been received. Numbers may change due to lag time.		

Outcomes: Fracture Risk Assessment = High Risk

Table 10 - High Risk

	Selected Sites	All FSPP Sites
#/N (%) patients determined to be at high risk	8385/11134 (75.3%)	8385/11134 (75.3%)
Based on BMD test results	1744	1744
Patients screened with hip fracture	4135	4135
Patients screened who had a clinical vertebral fracture	402	402
Patients screened who reported prior fragility fracture	2860	2860

*Patients may present with more than one automatic high risk fragility fracture; sum of breakdown may be greater than numerator.

TREAT AS CONFIDENTIAL.

Information contained in this report was collected as part of the Ontario Osteoporosis Strategy Fracture Screening and Prevention Program (www.osteostategy.on.ca)

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Included Clinics: QUEENSWAY-CARLETON HOSPITAL, WINDSOR REGIONAL HOSPITAL - OUELLETTE CAMPUS, ST JOSEPH'S HEALTH CARE SYSTEM-HAMILTON, COLLINGWOOD GENERAL AND MARINE HOSPITAL, SUNNYBROOK HEALTH SCIENCES CENTRE, SCARBOROUGH HEALTH NETWORK - BIRCHMOUNT HOSPITAL, LAKERIDGE HEALTH-OSHAWA, GUELPH GENERAL HOSPITAL, OAKVILLE HALTON HEALTHCARE, ROYAL VICTORIA HEALTH CENTRE INTERVENTIONAL RADIOLOGY CLINIC, SCARBOROUGH HEALTH NETWORK - GENERAL HOSPITAL, OTTAWA HOSPITAL (THE)-GENERAL SITE, WILLIAM OSLER HEALTH SYSTEM-ETOBICOKE GENERAL HOSPITAL, BRANTFORD GENERAL HOSPITAL, ROSS MEMORIAL HOSPITAL (LINDSAY), ST JOSEPH'S HEALTH CENTRE, TRILLIUM HEALTH PARTNERS-CREDIT VALLEY HOSPITAL, WINDSOR REGIONAL HOSPITAL – INTERVENTIONAL RADIOLOGY CLINIC, ORILLIA SOLDIERS' MEMORIAL HOSPITAL, ROYAL VICTORIA REGIONAL HEALTH CENTRE, TRILLIUM HEALTH PARTNERS-MISSISSAUGA HOSPITAL, GREY BRUCE HEALTH SERVICES - OWEN SOUND HOSPITAL, GRAND RIVER HOSPITAL CORP-WATERLOO SITE, PETERBOROUGH REGIONAL HEALTH CENTRE, MACKENZIE RICHMOND HILL HOSPITAL, THUNDER BAY REGIONAL HLTH SCIENCES CTR, NIAGARA HEALTH SYSTEM-ST CATHARINES GEN, CAMBRIDGE MEMORIAL HOSPITAL, ST. JOSEPH'S HEALTH CARE, LONDON, SCARBOROUGH HEALTH NETWORK - CENTENARY HOSPITAL, HAMILTON HEALTH SCIENCES-GENERAL SITE, MICHAEL GARRON HOSPITAL, HUMBER RIVER HOSP, OTTAWA HOSPITAL (THE)-CIVIC SITE, SOUTHLAKE REGIONAL HEALTH CENTRE, WINDSOR REGIONAL HOSPITAL - METROPOLITAN CAMPUS, MARKHAM STOUFFVILLE HOSPITAL, WILLIAM OSLER HEALTH SYSTEM-BRAMPTON CIVIC HOSPITAL, HEALTH SCIENCES NORTH

Total Provincial Clinics Included: 39