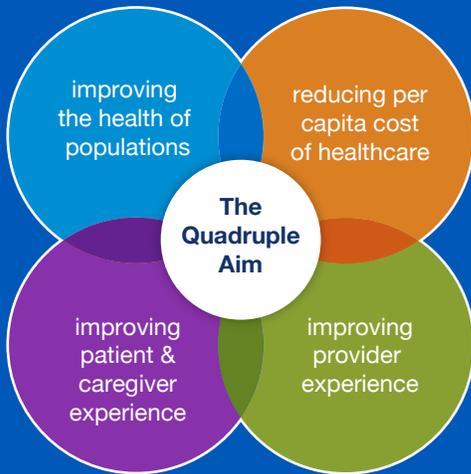


Care Gap ACHIEVEMENTS

The Ontario Osteoporosis Strategy (OOS), is a population-based initiative to improve the quality of care for osteoporosis in Ontario. The strategy aims to reduce morbidity, mortality, and costs from osteoporotic fractures. Monitoring data from a health system perspective provides opportunities for improving the quality of care.

OUR METHODOLOGY

This indicator framework has been aligned to the principles of the Quadruple Aim.



Fracture Screening and Prevention Program (FSPP)

(rate of patients, treatment-naïve at baseline who were prescribed treatment within 12 months from baseline)



49%

Treatment initiation in **HIP FRACTURE PATIENTS** (66 years & over)



45%

Treatment initiation in **ALL FRACTURE PATIENTS** (66 years & over)



58%

Treatment initiation in **HIGH RISK PATIENTS** (50 years & older)

Provincial Data

Fracture Per 10,000 People

Age-standardized fracture rate in adults, aged 50 years and older (2017/18)

OVERALL 102.7



SPINE
17.3



SHOULDER
18.8



PELVIS
18.6



WRIST
39.9



HIP
21.6

COMMUNITY HIP FRACTURE (AGE 66+)

42.4
(PER 10,000)



LONG-TERM CARE

184.9
(PER 10,000)



TREATMENT INITIATION

(2016/17)

32%

(66 years & over)



In treatment naïve hip fracture patients who received treatment within one year of hip fracture

FOLLOW-UP AFTER HIP FRACTURE

(2016/17)

68%

of this population were **NOT** investigated or treated



Rate of identification (BMD testing) and/or treatment (medication) of osteoporosis in adults age 66 and older who have had a hip fracture

TREATMENT PERSISTENCE

(2016/17)

54%



Rate of adults, 66 years and older, who were initiated on pharmacological treatment for osteoporosis during the year and were still taking their medication one year later

Trends in BMD Testing

BMD TESTING IN ADULTS

Aged 50 years & older (2017/18)



OVERALL NUMBER
402,541

RATE (PER 100)

7.6%

BMD ASSESSMENT FOLLOWING WRIST FRACTURE

(2016/17)

Aged 50 years & older, who had a fracture and receive a BMD test within 12 months

29%

BMD TESTING IN ELIGIBLE SENIORS

(2017/18)

Eligible seniors (aged 68 to 70) who had a BMD test

23%

Reducing Per Capita Cost of Healthcare

Provincial Data

Healthcare Utilization Cost of Hip Fracture

in adults 66+ at the time of their fracture

TOTAL COSTS

\$255,773,130



MEDIAN COST PER SINGLE EPISODE OF CARE

\$25,015

Improving Provider Experience

Ontario College of Family Physicians In-person Group Learning Certified Program

Self-reported comfort:

PRE POST



DIAGNOSIS
of osteoporosis patients

35% 85%



TREATMENT
of osteoporosis patients

17% 83%

Self-reported comfort:

PRE POST



MANAGEMENT
of osteoporosis patients

16% 83%



Knowledge on management of osteoporosis

62% 94%

Ontario College of Family Physician and MacHealth Online Module

Change in Health Professional Practice

The degree of success in implementing the program's learning goals indicated by the participants following completion of fracture prevention course



84%

Long-Term Care (Fracture prevention e-learning module)

Change in Health Professional Practice

Respondents who felt content was relevant to their current practice and their current learning needs following completion of the online program module



91%

Improving Patient & Caregiver Experience

Fracture Screening and Prevention Program (2017/18)



SCREENED PATIENTS
education provided with screening

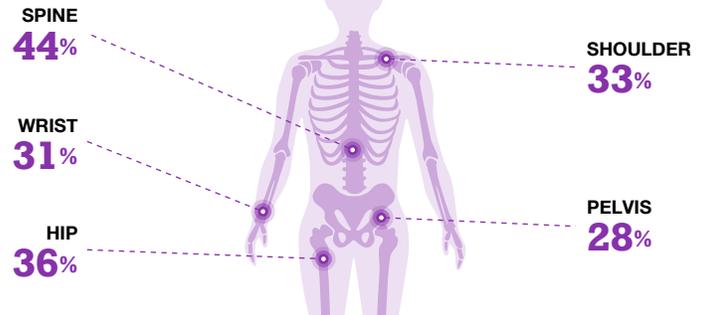
7463



REFERRALS TO SPECIALISTS
in eligible patients

33%

Eligible Patients Referred to Specialists by Type of Fracture



Telemedicine Program

Physician Assessments



59%

Patients who had initial physician assessment



41%

Patients who had follow up physician assessment

Allied Health Professional Assessments

26
PHARMACIST

13
PHYSIOTHERAPIST

78
Total Number of Assessments

10
ATHLETIC THERAPIST

13
REGISTERED DIETITIAN

16
OCCUPATIONAL THERAPIST

For more information, visit: www.osteostategy.on.ca



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