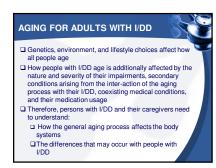
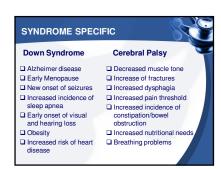
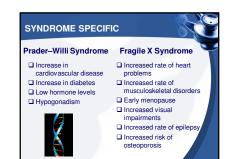




EPIDEMIOLOGY AND LIFE EXPECTANCIES Most individuals with I/DD had shortened life expectancies in institutional residences. Now, aging adults with I/DD are living longer in the community By 2021, seniors will form 18% of Canada's population, compared to 12.5% in 2000. The rate of I/DD among Canadians aged 15 years and over in 2001 was 0.5 percent or 120,140 persons. Of these, an estimated 44,770 persons are aged 45-64 and 11,080 are aged 65-74. As persons with I/DD are living longer, geriatrics healthcare providers need to learn about the characteristics, healthcare needs, and common clinical issues facing this population.

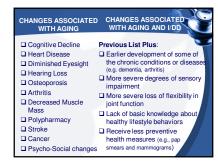


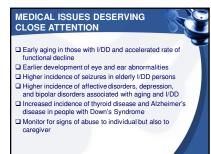


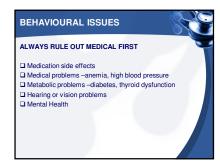






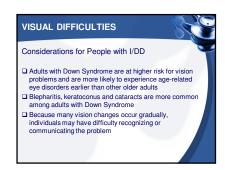


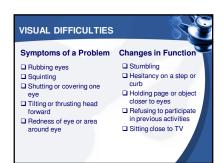




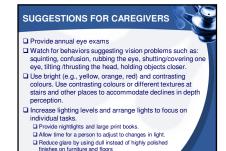


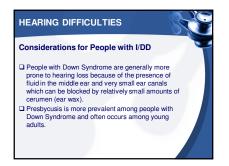








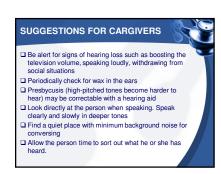




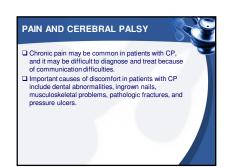


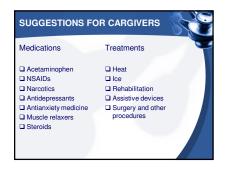












FALLS | Falls are a major cause of disability and death of senior citizens. More than one third of persons older than age 65 fall at least once each year. Injuries from a fall may range from bruises to life-threatening trama. Head injuries and fractures of long bones lead the list of serious injuries. | Medical problems may predispose a person to suffer a fall. These problems can include: | Changes that decrease vision, particularly at night and in the dark | Neurological problems that cause weakness or affect stability and balance | Medications that cause imbalance, light headedness decreased coordination or sedation

SUGGESTIONS FOR CARGIVERS

- ☐ Encourage independent movement and self-care ☐ Promote regular exercise
- $\hfill \square$ Implement safeguards to prevent falls ☐ Promote safe use of mobility aids
- ☐ Provide seating that is comfortable, firm, and not too deep
- ☐ Ask health care provider about calcium and vitamin D supplements, weight-bearing exercise, hormone replacement therapy

POLYPHARMACY

- ☐ Definitions include:
 - use of more drugs than is clinically necessary
 - □ administration of many drugs together
 □ administration of excessive medication
 - the practice of prescribing multiple drugs to people suffering from more than one health condition
- ☐ Changes in the liver, kidney and GI systems affect the body's ability to absorb, distribute, and eliminate medications
- ☐ The risk of side effects from medication increases with the number of drugs an individual takes
- ☐ Changes in medication dosage may be required particularly if individuals have been on the same medicati for several years

SUGGESTIONS FOR CAREGIVERS

- ☐ Make sure that every physician knows about ALL the medications an individual is taking (including vitamins and herbal remedies)
- ☐ Know what each medication does and what the possible side effects are.
- □ Start with a low dosage of a new medication and slowly increase it to the recommended dosage □ Watch for unexplained and unusual symptoms
- ☐ Check for drug to drug interactions and food to drug interactions

GASTROINTESTINAL

Considerations for People with I/DD

- ☐ Older people with I/DD are at greater risk for severe problems from constipation.
- People who are inactive or who take antidepressants, antipsychotic, anticonvulsant, or phenothiazine medications are more likely to develop constipation.
- ☐ Ongoing bowel and bladder problems that are experienced by many people with cerebral palsy will intensify with age.

SUGGESTIONS FOR CAREGIVERS

- ☐ Provide a balanced diet that includes high fiber foods and nutrient dense foods
- ☐ Implement a regular schedule for using the toilet.
- ☐ Promote elimination through fluids, fiber and physical activity
- ☐ Observe for constipation
- ☐ Encourage slower eating smaller, more frequent meals
- ☐ Avoid empty calories



INCONTINENCE

- ☐ Bladder capacity and muscle tone decrease
- ☐ Kidneys become less efficient
- ☐ Enlargement of prostate common☐ Relaxation of pelvic muscles

☐ Effects of decreased hormones

SUGGESTIONS FOR CAREGIVERS

- ☐ Observe for voiding patterns increased or
- decreased frequency, changes in continence

 Observe for signs of infection- frequency, urgency, accidents, discomfort, unusual odor, color or bleeding. There may be no fever or usual symptoms
- ☐ Regular screening tests and examinations
- ☐ Good hygiene practices
- ☐ Preventative Measures ■ More frequent urination
 - ☐ Make sure toilet facilities are nearby and accessible

OSTEOPOROSIS

- ☐ Osteoporosis is a disease in which bones become fragile and are more likely to break.
- ☐ Osteoporosis is more prevalent among older individuals with I/DD than among other older people
- ☐ Osteoporosis is a particular concern because older people are more at risk of falling due to mobility and balance problems
- ☐ Unfortunately, many older women become aware that they have osteoporosis only after they break or fracture a bone.

OSTEOPOROSIS: RISK FACTORS

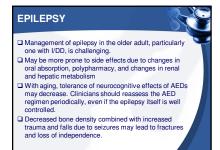
- ☐ Advanced age ☐ Family history of
- osteoporosis ☐ Caucasian or Asian

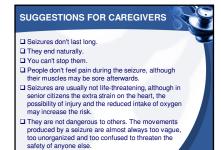
movement

- ethnicity
- ☐ Thin or small stature ☐ Physical inactivity; condition that limits
- ☐ Early menopause ☐ Diet low in calcium or Vitamin D
- ☐ High alcohol and/or coffee
- ☐ Excessive weight loss $\ \ \square \ {\rm Smoking}$

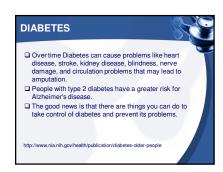
Brown, A., and Murphy, L. (2007). Aging and Developmental Disabili Women's Health Issues











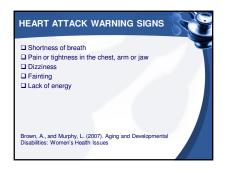


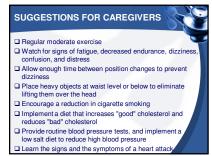
THINGS TO KEEP IN MIND ☐ Have yearly eye exams ☐ Care for your teeth ☐ Check your kidneys yearly. A urine and blood test will show if and gums ☐ Find out your average blood glucose level your kidneys are okay ☐ Protect your skin. Take ☐ Get flu shots every year care of minor cuts and and the pneumonia vaccine. A yearly flu shot will help keep you bruises to prevent infections ☐ Look at your feet. Take time to look at your healthy feet every day for any red patches ☐ Check your cholesterol

☐ Watch your blood pressure







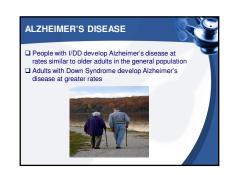


As people age, "CONFUSION" is used as a broad term to describe behavior changes. Common causes of confusion in the elderly are: | Drug intoxication | Circulatory disturbances | Metabolic and fluid imbalances (e.g., thyroid and kidney problems) | Major medical and surgical treatments | Neurologic disorders, infectious processes, nutritional deficiencies | Abrupt loss of significant person | Multiple losses in a short span of time | Moves to radically different environments

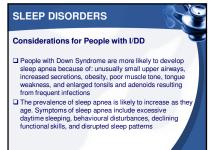
□ To provide appropriate care, it is important to understand distinctions between three conditions that can manifest as "Confusion": Delirium, Dementia, and Depression □ Delirium is severe confusion with hyperactivity. It is characterized by a rapid impairment of intellectual function resulting from a widespread disturbance of brain metabolism. Characteristics include clouding of consciousness, mental incoherence, and impaired concentration and attention (Edwards, 2003).

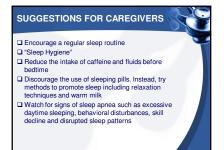
DEMENTIA Dementia is broadly defined as an observable decline in mental abilities (APA, 2000). In general, its onset is insidious and memory impairment is often a prominent early symptom. People with dementia have difficulty learning new material. Short-term memory problems commonly result in losing valuables such as wallets and keys, or forgetting about food that is being cooked on the stove. In more severe dementia, people may forget previously learned material. Such as the names of loved ones.

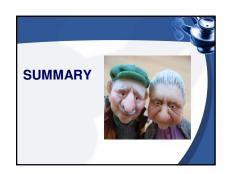
DEPRESSION ☐ The World Health Organization defines Depression as a "common mental disorder that presents with depressed mood, loss of interest or pleasure, feelings of guilt for low selfworth, disturbed sleep or appetite, low energy, and poor concentration" (WHO, 2010). ☐ Depression is more prevalent among people with developmental disabilities compared to their general population peers and is frequently under-assessed, under-diagnosed and untreated. ☐ Several conditions may mimic depression, such as metabolic and endocrine disorders (e.g., serum glucose abnormalities, pernicious anemia, hypothyroidism, or hypothyroidism) (Edwards, 2003; Sutherada & Sokia, 1999).











CONSIDERATIONS FOR PEOPLE WITH DOWN SYNDROME Small increases in motor problems may be exhibited by adults without Down Syndrome after age 50 Individuals without Down Syndrome may experience a gradual decline in intellectual capacity and the speed of recall Individuals with Down Syndrome begin to show losses in cognitive and adaptive skills by age 50 The onset of Alzheimer's disease may occur at a younger age and may result in a more rapid decline among people with Down Syndrome than in the general population

CONSIDERATIONS FOR PEOPLE WITH OTHER I/DD Mental illness is more prevalent among people with I/DD than among the general population Depression is the most frequently noted affective disorder among older people with I/DD People with I/DD are more likely to become depressed from less stressful situations than the general population Anxiety disorders and phobias are more common among people with mild and moderate levels of impairment

