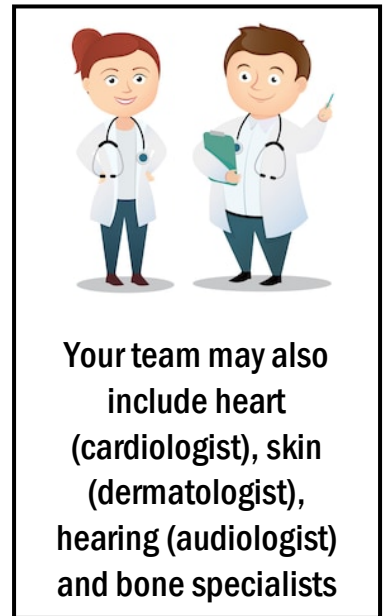
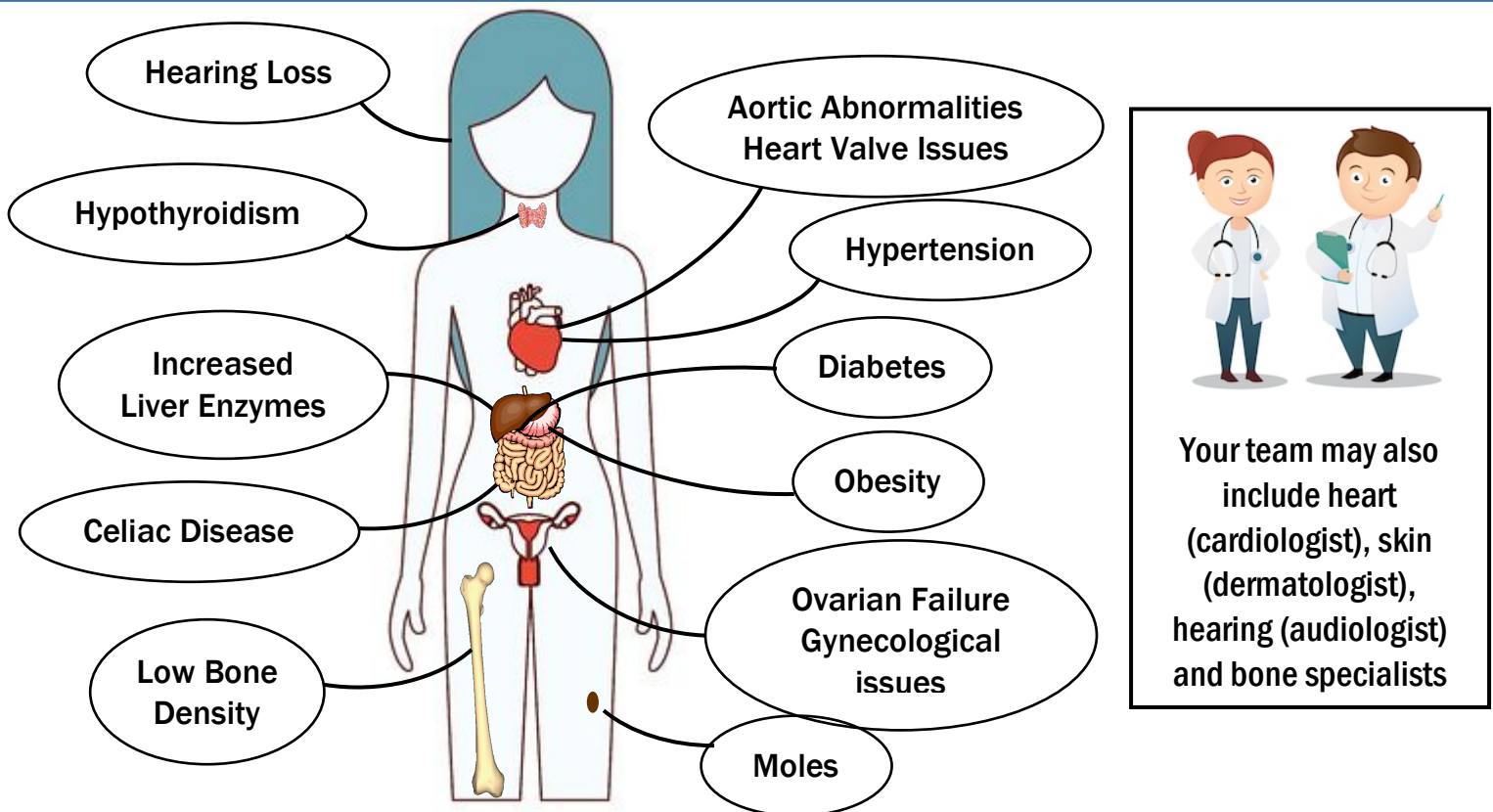


# Turner Syndrome

## WHAT IS TURNER SYNDROME?

Turner syndrome is a chromosomal abnormality in females. It is caused by the loss of all or part of the second X chromosome. Turner syndrome is present in approximately 1 in every 2000-2500 live births. It is associated with multiple medical conditions. Multidisciplinary care, including a hormone specialist (endocrinologist) and gynecologist, is optimal for health screening.

## MEDICAL CONDITIONS ASSOCIATED WITH TURNER'S SYNDROME



## RECOMMENDED HEALTH SCREENING AND TREATMENT

| Screening               |   |
|-------------------------|---|
| Every Year              | Blood tests for thyroid, glucose, liver enzymes, cholesterol and kidney function  |
| Every 3-5 years or less | <ul style="list-style-type: none"> <li>• Bone Density Test</li> <li>• Heart Imaging (ECHO or MRI)</li> <li>• Hearing test</li> <li>• Celiac screen</li> </ul> |

| Hormone Treatment (HT)  |  |
|---|--|
| It is important for women with Turner's syndrome to stay on HT until approximately the average age of menopause (~51 years of age). |  |
| Contraceptives  | <ul style="list-style-type: none"> <li>• Oral contraceptive pill</li> <li>• Transdermal patch/progestin patch</li> <li>• Oral estrogen + intrauterine device</li> </ul>          |
| Hormone Replacement Therapy   | <ul style="list-style-type: none"> <li>• Oral estrogen + oral progestin</li> <li>• Transdermal estrogen + oral progestin</li> <li>• Topical estrogen + oral progestin</li> </ul> |

For more information:

[turnersyndromefoundation.org/](http://turnersyndromefoundation.org/)

[turnersyndrome.ca/](http://turnersyndrome.ca/)