## TAKE**IRON**SERIOUSLY

# **KEEPING AN EYE**

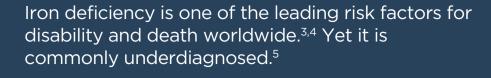
— ON YOUR —

# Iron Levels

Iron is an essential nutrient the body needs to maintain energy levels<sup>1</sup> and concentration<sup>2</sup>



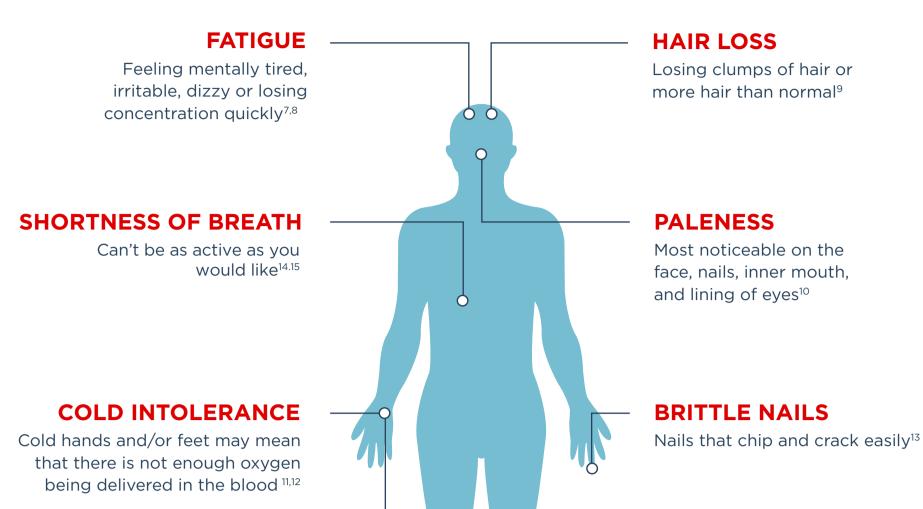
Treating iron deficiency can improve health and well being<sup>6,7</sup>

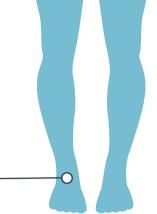




# Should You Get Your Iron Levels Checked?

Signs that you may have iron deficiency include:





There are also things that can make you more likely to be iron deficient:



If you suffer from a **chronic disease**, for example heart failure,<sup>16</sup> inflammatory bowel<sup>17</sup> and kidney disease<sup>18</sup>

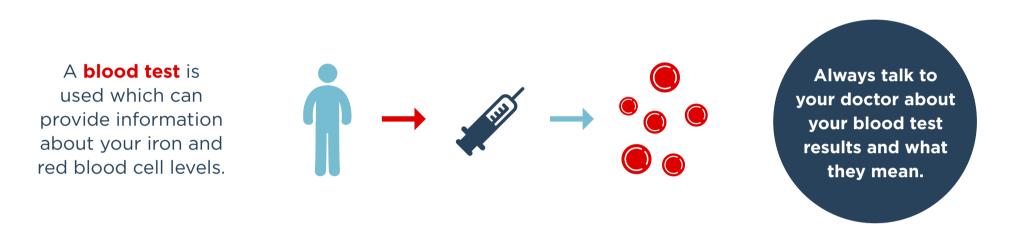


If you experience **heavy menstrual bleeding**<sup>19</sup>



If you are **pregnant**<sup>20</sup> or have **recently given birth**<sup>21</sup>

### How are My Iron Levels Measured?



#### MAIN LABORATORY TESTS FOR THE ASSESSMENT OF IRON

Test	What it Measures	Normal* Levels
A Complete Blood Count	The number of red blood cells and amount of haemoglobin in your blood <sup>22</sup>	Haemoglobin <sup>23, 24</sup> Men over 15 yrs More than 13-17 g/dL Women over 15 yrs (not pregnant) More than 12-16 g/dL
<b>TSAT</b> , or serum transferrin saturation <sup>25</sup>	The amount of iron in your blood that is attached to a substance called transferrin	20-50% <sup>24</sup>
Serum ferritin	Represents the iron stores you have in your body <sup>26</sup>	30-300ng/mL <sup>24</sup>

Serum iron	The total amount of iron present in the serum of your blood <sup>26</sup>	50-180 µg/dL <sup>24</sup>
Serum iron <b>TIBC</b> , or <b>T</b> otal Iron- <b>B</b> inding <b>C</b> apacity (transferrin)	The amount of iron your blood can carry <sup>22</sup>	50-180 µg/dL <sup>27</sup>

\*Normal values may differ depending on the assay used.

## Why are My Iron Levels Low?



#### IT IS IMPORTANT THAT YOU DISCUSS THE REASON FOR YOUR IRON DEFICIENCY WITH YOUR DOCTOR:

The most common cause of iron deficiency anaemia in adult men and postmenopausal women is blood loss from the stomach or intestines<sup>28</sup>

Coeliac disease is often diagnosed after signs such as iron deficiency anaemia are detected<sup>29</sup>



Iron deficiency anaemia may be associated with chronic underlying disease which requires treatment<sup>30,14</sup> or even with some form of cancer<sup>31</sup>





For example, could your iron deficiency anaemia be due to any **medication** you are taking, **extensive exercise** increasing your iron requirements, a **diet** where iron can be limited (e.g. vegetarian, vegan) or are there signs of **inflammation** in your blood?



## What Happens if My Iron Levels are Low?

#### Iron deficiency can be treated, reducing symptoms such as fatigue and improving quality of life<sup>6,8</sup>

The cause and severity of your iron deficiency will help your doctor decide which treatment is right for you, either dietary changes, iron tablets or an intravenous administration and they will discuss these options with you. Even if you are prescribed a treatment, making sure you have a diet which includes a variety of iron-rich foods alongside foods that help iron absorption is important for maintaining your iron levels.



Vifor Pharma, a company of the Vifor Pharma Group, is a world leader in the discovery, development, manufacturing and marketing of pharmaceutical products for the treatment of iron deficiency. The company also offers a diversified portfolio of prescription and non-prescription medicines. Vifor Pharma's operational headquarters are in Zurich, Switzerland, and the company has an increasingly global presence and a broad network of affiliates and partners around the world. For more information about Vifor Pharma, please visit www.viforpharma.com.

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