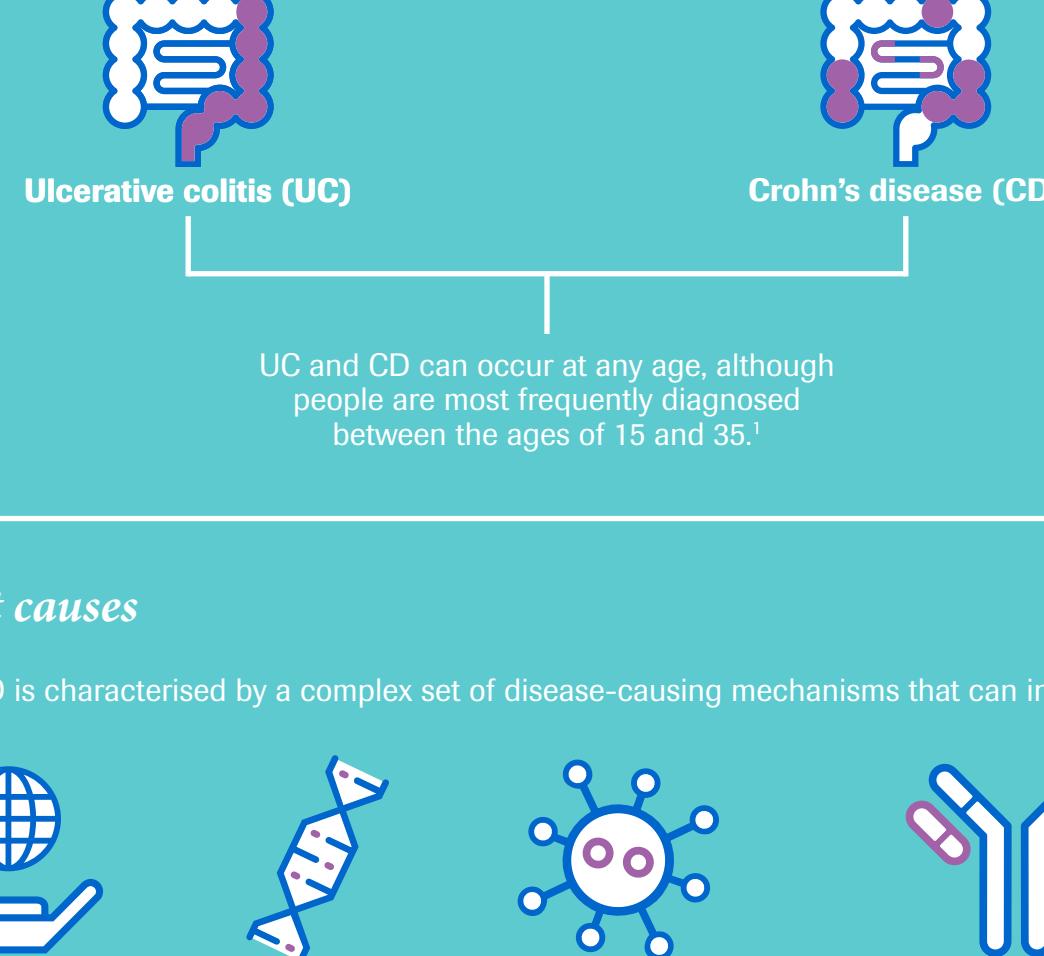


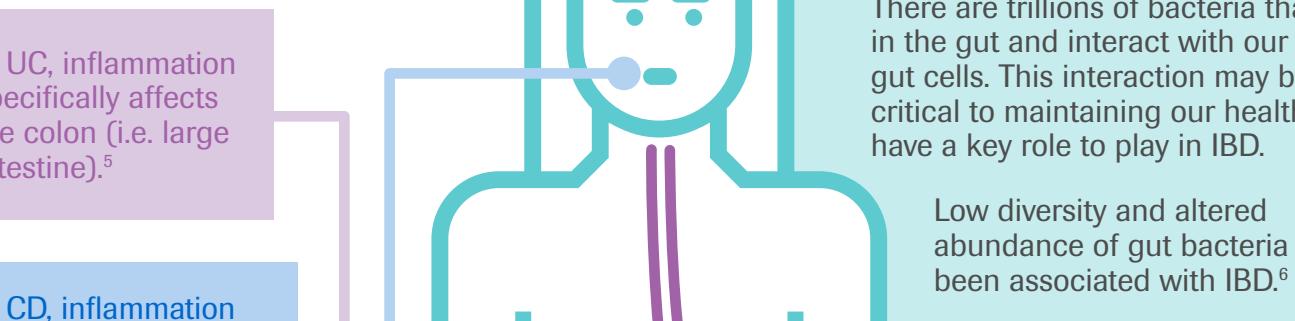
# Inflammatory bowel diseases (IBD): A complex, heterogeneous group of diseases

## Different diseases



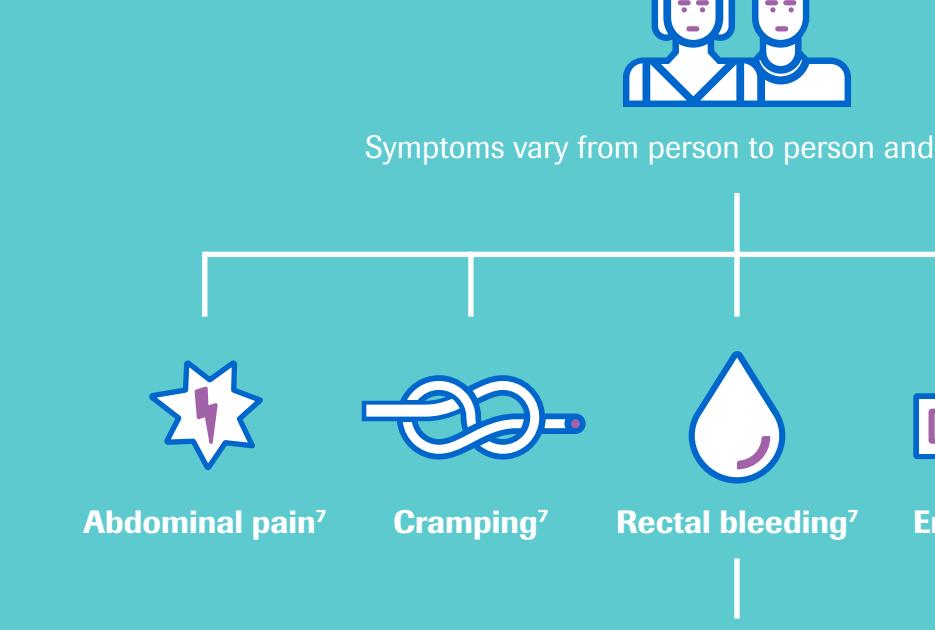
## Different causes

IBD is characterised by a complex set of disease-causing mechanisms that can include:



By themselves, these factors might not cause IBD. Rather, IBD is most likely triggered by complex interactions between them.<sup>2,3</sup>

## Different location



## Different gut bacteria

There are trillions of bacteria that live in the gut and interact with our own gut cells. This interaction may be critical to maintaining our health and have a key role to play in IBD.

Low diversity and altered abundance of gut bacteria have been associated with IBD.<sup>6</sup>



## Different symptoms



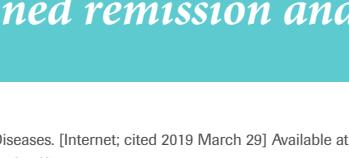
Symptoms vary from person to person and can include:



Some patients have to urgently use the bathroom more than 20 times a day. The disease varies in intensity, with some patients having more aggressive disease than others.<sup>1</sup>

## Different response to treatment

Treatment response varies greatly from patient to patient:



**Around 80% of patients**  
do not experience sustained full remission.<sup>9</sup>

Inadequate treatment of IBD can lead to

## permanent intestinal damage

sometimes due to excessive and continuous inflammation.<sup>10</sup>

**There is an unmet need for treatment approaches that control not only the symptoms reported by patients, but also the underlying biology of the disease, to help patients achieve rapid and sustained remission and live life confidently.**

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