



## Notes on Collocations or Word Clusters in E4BT (lexical and grammatical collocations)

### What is a collocation (word-cluster)?

A collocation is two or more words that often go together. These combinations just sound “right” [✓] to a native English speaker, who uses them all the time. On the other hand, other combinations may be unnatural and just sound “wrong” [✗] – even if the meaning would seem the same.

Compare, for example, the following:

- ✧ *fast food* [✓] vs *quick food* or *speedy food* or *rapid food* [✗]
- ✧ *avian influenza* or *bird flu* [✓] vs *avian flu* or *bird influenza* [✗]
- ✧ *bone marrow* [✓] vs *bony marrow* or *osseous marrow* [✗]
- ✧ *death rate* or *mortality rate* or *fatality rate* [✓] vs *rate of death* or *rate of mortality* or *rate of fatality* [✗]
- ✧ *diabetes mellitus* [✓] vs *mellitus diabetes* [✗]
- ✧ *foodborne disease/illness* [✓] vs *disease/illness of food origin* [✗]
- ✧ *herd immunity* or *herd effect* [✓] vs *immunity of herd* or *flock immunity* [✗]
- ✧ *infectious disease/illness* [✓] vs *infective disease/illness* [✗]
- ✧ *laboratory mice* [✓] vs *mice of laboratory* [✗]
- ✧ *meat-and-bone meal* [✓] vs *bone-and-meat meal* or *animal-borne flour* [✗]
- ✧ *mild flu* [✓] vs *slight flu* or *light flu* [✗]
- ✧ *mild fever* [✓] vs *slight flu* or *light flu* [✗]
- ✧ *morbidity rate*<sup>1</sup> [✓] vs *spreading rate* [✗]
- ✧ <the sudden *onset of an illness*> [✓] vs <the sudden *beginning of an illness*> or <the sudden *start of an illness*> [✗]
- ✧ *risk factors* [✓] vs *factors of risk* [✗]
- ✧ *slight stomach ache* [✓] vs *mild stomach ache* [✗]

<sup>1</sup> The **morbidity rate** is the frequency or proportion with which a disease appears in a population. **Italian equivalent:** “tasso di morbilità”, “tasso di diffusione”.

A synonym is **prevalence** – i.e., the number of disease cases *present* in a particular population at a given time; whereas **incidence** is the number of new cases that *develop* during a specified time period.

Prevalence answers “How many people have this disease right now?” or “How many people have had this disease during this time period?”. Incidence answers “How many people acquired the disease during a specified time period?”.

- ✧ *spinal cord* [✓] vs *spinal marrow* [✗]
- ✧ *stem cells* [✓] vs *staminal cells* [✗]

#### IMPORTANT REMARKS!

Look at the differences between the qualifiers *infectious* and *infective*:

**infectious** refers to the process by which a disease may occur – therefore, *infectious diseases* are “caused by pathogenic microorganisms, such as bacteria, viruses, parasites or fungi”; such diseases “can be spread, directly or indirectly, from one person to another. **Zoonotic diseases** are infectious diseases of animals that can cause disease when transmitted to humans”; on the contrary, **infective** refers to any agent “producing or capable of producing or transmitting infection”: for example, **the hepatitis C virus (HCV)** is the infective agent that causes Hepatitis C; the bacterium *Clostridium tetani*, commonly found in soil, saliva, dust, and manure, is the infective agent that causes Tetanus; and so on.

Moreover, **transmissible diseases** are transmitted from one individual to another by infection, through physical contact, and can be divided into:

1. **infectious diseases**: that is, caused by pathogenic microorganisms, such as bacteria, viruses, parasites or fungi; such diseases can be spread, directly or indirectly, from one person to another. Zoonotic diseases are infectious diseases of animals that can cause disease when transmitted to humans.
  - 1.1. **contagious infectious disease**: for example, rabies is a transmissible infectious disease caused by lyssaviruses. It is spread when an infected animal bites or scratches a human or other animal;
  - 1.2. **non-contagious infectious diseases**: also called **non-communicable diseases (NCDs)**, they are not transmissible directly from one person to another. For example, the bacterium *Clostridium tetani* that causes Tetanus, enters through a break in the skin such as a cut or puncture wound by a contaminated object, and produce toxins that interfere with normal muscle contractions. The disease, however, does not spread between people. Such non-contagious infections also include all those diseases requiring a vector (for example: bloodsucking insects such as an infected female *Anopheles* mosquito that carries malaria; needles, syringes and so on) to be spread; if such a vector does not exist the infection lies in the host and cannot be transmitted.
2. **non-infectious diseases** – that is, diseases that are not caused by microorganisms:
  - 2.1. **contagious non-infectious disease**: even if the disease is not caused by microorganisms, the contagion occurs due to a close contact between an affected individual and a healthy one;
  - 2.2. **non-contagious non-infectious diseases**: a typical example is given by haemophilia because it is mostly an inherited genetic disorder that impairs the body's ability to make blood clots – a process needed to stop bleeding.

## How to learn collocations

- ✧ treat collocations as **single blocks of language**, think of them as individual blocks and learn, for instance, *to strongly support*, not “strongly” + “to support”;
- ✧ when you learn a new word, **write down other words that collocate with it** (*to spread + easily / + gradually / + slowly / + quickly*);
- ✧ learn collocations in groups that work for you – e.g. you could organize and learn them **by topic** or **by a particular word**:
- ✧ you can find information on collocations (often in bold) in any good dictionary – both monolingual and bilingual – as well as on [www.wordreference.com](http://www.wordreference.com);
- ✧ you can also find specialised dictionaries of collocations, such as the *Oxford Collocations Dictionary* (2001), the *MacMillan Collocations Dictionary* (2010) and [www.ozdic.com](http://www.ozdic.com).

## Types of collocations

There are several different types of collocations made from combinations of items from the various word-classes – being they lexical or grammatical. Some examples of the most common types are given below:

### lexical collocations

- ✧ **adv + adj** ➔ *highly contagious, ...*
- ✧ **adj + g.n./p.n.** ➔ *Veterinary Medicine; bacterial infection; live vaccine, white / blue / red / green biotechnology, ...*
- ✧ **n + n** ➔ *health facility, prescription drug, maintenance host, reservoir host, ...*
- ✧ **n + v** ➔ *The illness affected hundreds of people in the area; ...*
- ✧ **v + n** ➔ *to trigger an immune response, ...*
- ✧ **v + adj** ➔ *to become ill / sick, to fall ill, to get ill / sick; to become infected ...*
- ✧ **v + adv** ➔ *to easily spread, ...*

### grammatical collocations

- ✧ **v + preposition** ➔ *to suffer from; to be composed of; to be named after; to participate in; to be associated with; to be infected with; to focus on; to deal with; to feed on; to refer to; to result in (= to cause); to result from (= to be caused by); to turn into ... and all the other so-called prepositional / phrasal verbs!*

- ✧ **definite article + certain place names:** *the US, the USA, the United States; the UK, the United Kingdom; the Atlantic Ocean; the Pacific; the Mediterranean; the Suez Canal; ...*
- ✧ **definite article + certain institutions:** *the World Health Organization; the European Medicines Agency; ...*
- ✧ **definite article in superlative expressions:** *the most effective; the healthiest, ...*
- ✧ **linking expressions** ➔ *according to / in accordance with / on the basis of; as well as; as well; at the basis of; such as; due to / because of; in order to; on the contrary; so far / to date (= up to now), “that is,”; in addition; in addition to; with regard to / with reference to; ...*