[](http://images.google.co.uk/imgres?imgurl=http://www.stuffintheair.com/images/CartoonChemist.gif&imgrefurl=http://www.stuffintheair.com/cartoon-scientist.html&usg=__JenSBMjsGW7xkNetPczVQSQwByM=&h=337&w=380&sz=7&hl=en&start=4&itbs=1&tbnid=HNQc2sbseiK9wM:&tbnh=109&tbnw=123&prev=/images?q=chemist+cartoon&hl=en&safe=active&gbv=2&tbs=isch:1)

**A01**

**The Biological Approach to *treating* OCD**



**Suggestions as to the treatment of OCD**



**Anti-depressants**

**E.g.**

**Used to treat…**

**Mode of action…**

* Raises level of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prevent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of serotonin by the sending nerve ending before it can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the receiving neuron
* Serotonin levels therefore don’t \_\_\_\_\_\_\_\_\_
* Patient’s mood can remain \_\_\_\_\_\_\_\_\_\_\_\_
* Usually taken over a period of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Side effects…**

**Anti-anxiety**

**E.g.**

**Used to treat…**

**Mode of action…**

* Enhance the activity of \_\_\_\_\_\_\_ in the body (GABA is a natural \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
* GABA has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ effect on the body.
* GABA \_\_\_\_\_\_\_\_\_ onto receptor sites in the brain and makes it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the neuron to be stimulated by other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Patient feels more \_\_\_\_\_\_\_\_\_\_\_\_\_
* Decrease in \_\_\_\_\_ and \_\_\_\_\_\_

**Side effects…**

**Evaluation of the biological approach to treating OCD**

**POINT:** There is considerable evidence to show that **drug treatments of OCD are effective.**

**EVIDENCE:** For example, Soomro et al (2008) reviewed 17 studies of the use of SSRIs with OCD patients and found them to be more effective than placebos in reducing the symptoms of OCD up to three months after receiving treatment.

**EVALUATION:** This is **positive** because the research is valid and shows that SSRIs are an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ way of managing OCD in the \_\_\_\_\_\_\_\_\_\_\_-term.

**\*\*A strength** of this research is the fact that it was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and involved the objective measurement of the effectiveness of SSRIs on a number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ over a period of time\*\*

**POINT:** **Drugs used to treat OCD can have negative and potentially harmful \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**EVIDENCE:** For example, the side effects of anti-depressant drugs such as Prozac include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**EVALUATION:** This is a weakness because drug therapies could \_\_\_\_\_\_\_\_\_\_\_ a mental illness such as OCD with other issues for an individual to cope with and so the \_\_\_\_\_\_\_\_\_\_\_\_ of these drugs should be questioned & patients made fully aware of the potential side effects.

**POINT: Biological therapies such as the drugs used to treat OCD often just treat the symptoms and do not cure the mental illness.**

**EXAMPLE:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**EVALUATION:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_