

COHESION

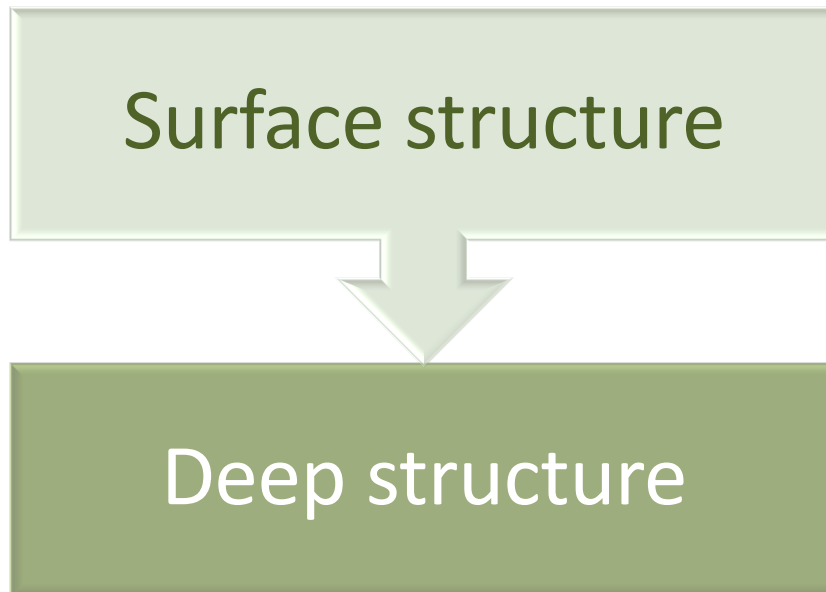
LECTURE 6



Cohesion

=

connectedness of parts
that makes your text
a united whole



Coherence: the deep structure

The immediate effects of alcohol use on the brain are well known. Science is a dynamic system with various influential actors.

The immediate effects of alcohol use on the brain are well known. The effects in the long term have not been studied intensively and may vary widely, depending on gender, age and consumption.

Coherence: the deep structure

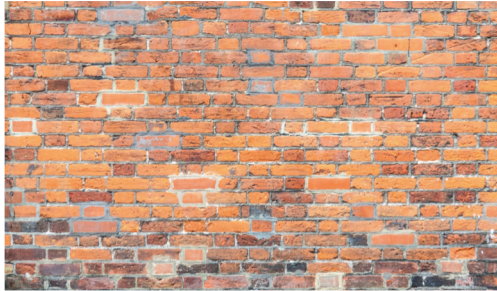
The **immediate effects** of alcohol use on the brain are well known. The **effects in the long term** have not been studied intensively and may vary widely, depending on gender, age and consumption.

Cohesion: the surface structure

The immediate effects of alcohol use on the brain are well known. The effects in the long term, **however**, have not been studied intensively and may vary widely, depending on gender, age and consumption.

Or:

On the contrary, the effects in the long term have not been....



Tools of cohesion

Repeating key words: lexical cohesion

Reference words

this, it, that, which, these, those

Referring nouns

this development, this process, those advantages...

Transitional words and phrases: conjunctions

words that express the relations between parts of text

PAUSE II video and find the tools: repetition key words, referring words, transitional words

With several dozen published experiments presenting conflicting results, the unconscious thought advantage (UTA) may be considered one of the most controversial phenomena in psychological science today. Although proponents of the UTA have argued that the studies that failed to replicate this result did not meet certain methodological requirements (Strick et al., 2011), critics have argued that the effect of the UTA does not exist and, consequently, that previous reports of the UTA concerned nothing but spurious, unreliable findings. To adjudicate between these opposing views, we conducted a large-scale study that adhered to the conditions deemed optimal for replicating this effect (Strick et al., 2011). Notably, the results of the large-scale replication study yielded no evidence for the UTA, which also dispelled the recent suggestion from Nieuwenstein and Van Rijn (2012) that the UTA might be gender-specific.

Key word repetition

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Reference words and referring nouns

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Transitional words and phrases

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Cohesion: surface

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Repeat your key word(s)

- **Signals** that confer localization to endoplasmic reticulum haveblahblahblah.....
One common feature is that.... ->
- **Signals** that confer localization to endoplasmic reticulum have.... One common feature of **these signals** is that....

Do not vary your key words

Articles with shorter titles tend to get cited more often than those with longer headers, concludes a study published today, which examined 140,000 papers published between 2007 and 2013.

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Use referring nouns

.... **This** has been investigated by ...

-> **This issue** has been investigated by...

..... Because **it** complicates the process, ...

-> Because **this issue / unresolved problem** complicates the process,...

Or explicitly restate

Excess fat is removed through an incision in the natural crease of the upper eyelid or inside the lower lid.

✓ **This** is done by

✓ **This procedure** ...

✓ **The removal of fat** ...

Transitional words and phrases

The definition of ... will be given	... is briefly outlined ...	... is explored ...
The issue focused on ...	... is demonstrated ...	... is included ...
In this essay ....	... is explained ...	... are identified ...
The key aspect discussed ...	... are presented ...	... is justified ...
Views on range from ....	... is evaluated ...	... is examined ...
The central theme ...	... is described ...	... is analysed ...
Emphasised are ...	... is explained and illustrated with examples ...	

To conclude

In summary, ...	To review, ...	In conclusion, ...
In brief, ...	To summarise, ...	To sum up, ...
To conclude, ...	Thus, ...	Hence, ...
It has been shown that, ...	In short, ...	

To compare and contrast

Similarly, ...	In the same way ...	Likewise, ...
In comparison ...	Complementary to this ...	Then again, ...
However, ...	This is in contrast to ...	In contrast, ...
And yet ...	Nevertheless, ...	Conversely, ...
On the contrary, ...	On the other hand, ...	Notwithstanding ...
Whereas ...	In contrast to ...	That aside, ...
While this is the case ...	... disputes ...	Despite this, ...

To add ideas

Also, ...	Equally important ...	Subsequently, ...
Futhermore, ...	Moreover, ...	As well as
Next...	Another essential point...	Additionally, ...
More importantly, ...	In the same way ...	Another ...
Then, ...	In addition, ...	Besides, ...
Then again, ...	Firstly, ... secondly, ... thirdly, ... finally, ...	To elaborate, ...

Use of transitional words

However,

Moreover,

Furthermore, ...



Moreover, in a case –control study involving 114 cases of SCA with hypertension conducted by Siscovick et al ¹¹, it was found that the risk of cardiac arrest in hypertensive patients who used a thiazide and a potassium-sparing diuretic was lower than hypertensive patients who used a thiazide diuretic without a potassium-sparing diuretic (odds ratio 0.3; 95% CI(0.1 to 0.7)). **Moreover**, they concluded that the risk of cardiac arrest was higher for high thiazide dosages. **Furthermore**, another case-control study involving 257 cases showed that there was an increased risk of SCA in patients receiving non-potassium-sparing diuretics (RR 1.8; 95% CI 1.0 to 3.1) and a beta-blocker (RR 1.7; 95% CI 1.1 to 2.6) compared to patients receiving potassium-sparing diuretics. **Furthermore**, the researchers found that the risk of SCA was higher in patients who used

Use of *however*

- *However* in the introduction often signals the gap of knowledge
- Less emphasis: use *However* in mid-sentence:

This procedure, however, is very costly.

Use of *however*

- Avoid the use of *However* as a paragraph starter without a referring phrase
- *However* as a wrap sentence may work out well

.....
.....Mutations in
STAT5B and AKT can be found in T-ALL patients
and aberrant STAT5B and AKT signaling are
known to play a role in T-ALL.

However, few downstream target genes that
exhibit aberrant expression have been identified.
At this moment,

.....
.....Mutations in
STAT5B and AKT can be found in T-ALL patients
and aberrant STAT5B and AKT signaling are
known to play a role in T-ALL. **However**, few
downstream target genes that exhibit aberrant
expression have been identified.

Due to this lack of knowledge, steroid resistance
cannot be correctly predicted for individual
patients

Build bridges

- Despite this, we believe our findings,.....

Despite *this lack of agreement*, we believe our findings,.....

- Considering this, we propose.....

Considering *the consequences of these risks*, we propose.....