

**영어논문 심사의견서 작성:
입체감을 살리고 명확성을 높이는 전략
의학학술지 편집인 아카데미**

황윤희 (컴팩스, PhD in Applied Linguistics)

yunhee@compecs.com

2020년 1월 11일

Outline

I 입체감 살리는 글쓰기 (동사의 선택)

II 영어의 정보의 구조 (중요한 정보를 적절히 부각시키는 방법)

III 정보를 효과적으로 연결하는 방법

IV 명확성을 높이는 방법

V 인터넷 활용하여 영어적인 표현 찾기

Put Actions in Verbs

Examples:

1. An **increase** in heart rate occurred.
→ Heart rate **increased**.
2. The new drug caused a **decrease** in heart rate.
→ The new drug **decreased** heart rate.
3. With hypoxia of **longer duration** or **severe degree**,
the shortening phase may get progressively briefer.
→ When hypoxia **lasts longer** or **is more severe**, ...

Put Actions in Verbs

Exercise 1:

1. There was a **significant increase** in adverse outcome.

→

2. Techniques for the **procurement** and **preservation** of donor organs are continuing their **evolution**.

→

Reporting Verbs

In academic writing, you can refer to ideas or research of others by using reporting verbs, e.g. *Brown (2011) states that....* Your choice of reporting verb can show the reader how you feel about the research you are quoting or paraphrasing, e.g. *Smith (2010) shows ...* vs. *Smith (2010) advises to....* vs. *Smith (2010) challenges ...*

Neutral

- to show
- to demonstrate
- to investigate
- to explore
- to state
- to report
- to list

Tentative

- to suggest
- to propose
- to advise
- to recommend
- to speculate
- to hypothesise
- to reason

Strong (in favour)

- to assert
- to advocate
- to encourage
- to argue
- to affirm
- to believe
- to appraise

Strong (against)

- to challenge
- to dispute
- to disagree
- to refute
- to negate
- to object
- to contradict

Reporting Verbs

Exercise 2: [mention, argue, claim, suggest, imply]

1. Hyland (2017) _____ that other historians have been misinterpreted the period. (suggests indirectly)
2. Smith (2019) _____ that the causes of the revolution can be traced back to the 18th century. (says something is true directly, and firmly, often used when others disagree)

Reporting Verbs

Exercise 2: [mention, argue, claim, suggest, imply]

3. In the book, Hill (2015) _____
some new research in the field. (refers to briefly)
4. NASA (2016) _____ that
governments should continue to fund space
projects. (gives reasons for their view)

Reporting Verbs

Exercise 3:

Smith (2015) **mentioned** 3 factors which can lead to obesity.

Strength of Claim

Reporting Verbs

Exercise 4:

1. The results **indicate/establish** that there is a link between smoking and lung cancer.
2. The test results **confirm/suggest** diagnosis and guide treatment.

Reporting Verbs

Exercise 4:

3. The latest series of studies **question/challenge** the conclusions of previous research.
4. The results given in Figure 3 **validate/support** the second hypothesis.

Strength of Claim

Exercise 5:

The 2016 analysis **found that internal combustion engines** _____

about 31 percent of the PM2.5 in the city.

- contributed to
- caused
- may have contributed to
- were probably a major cause of
- were one of the causes of
- might have been a small factor in

Reporting Verbs

➤ Reporting claims

Key claims	Supporting points
assert	note
claim	observe
state	point out

Reporting Verbs

➤ Reporting claims

Compare:

1. Hyland (2016) **notes** that poor diet is a key cause of obesity. He **claims** that obesity is a major issue in developing countries.
2. Hyland (2016) **claims** that poor diet is a key cause of obesity. He **notes** that obesity is a major issue in developing countries.

Reporting Verbs

➤ Reporting results

Results/findings	Conclusions
demonstrate	conclude
find	indicate
show	suggest

Reporting Verbs

Exercise 6:

In a study to investigate obesity, Hyland (2012) **suggested** that young people who ate fast food more than 3 times a week were heavier than young people who ate meals at home. This finding **shows** that obesity is associated with eating fast food.

Information Structure

Basic IS Principles

1) Main clause principle

Example: Even though it's raining, **I am going out for a walk.**

2) End placement principle

Example: A. This study examined **the relationship between A and B.**

B. **The relationship between A and B** was examined in this study.

Basic IS Principles

Basic Sentence Structure

2

3

1

This study examined the relationship between A and B.

Basic IS Principles

Exercise 7:

There was an increase in the quality of nursing care, as well as **a decrease in** patient mortality, length of hospital stay, and nosocomial infections.

→

Basic IS Principles

3) End weight principle

Which sounds better?

- A. **An increase in glucose intolerance in people over sixty-five as well as in people with a high body mass index** is a common assumption in diabetes research.
- B. A common assumption in diabetes research is that **glucose intolerance increases in people over sixty-five as well as in people with a high body mass index.**

Information Flow

Information Flow

Exercise 8: Which pair of sentences has a better information flow?

- (1) Firefighting is one of the most dangerous occupations.
- (2) One of the most dangerous occupations is firefighting.
- (3) However, it is also one of the most rewarding.
- (4) Another, interestingly enough, is farming.

Information Flow

a) Use pronouns

b) Use “*this + summary word*”

or use “*this + interpretive word*”

c) Communicate “*old information*” before
“*new information.*”

Use Pronouns

Exercise 9:

The X tablet is a new formulation with longer intragastric retention of the active ingredient, and (**this/it**) is administered once per day instead of three times per day.

Use Pronouns

Exercise 10:

When first waking from anesthesia, you may feel confused, drowsy, and foggy. **(This/It)** usually lasts for just a few hours, but for some people—especially older adults—confusion can last for days or weeks.

Use Pronouns

Exercise 11:

- ✓ The weather in January was much warmer than usual.
- 1) *(This/It)* was even warmer than December.
- ✓ The weather in January was much warmer than usual.
- 2) *(This/It)* may be connected to global warming trends.

Information Flow

a) Use pronouns

b) Use “*this + summary word*”

or use “*this + interpretive word*”

c) Communicate “*old information*” before
“*new information.*”

Use “this”+ Summary Word

Exercise 12:

1. The Faculty-Training Program **Assessment** site provides information about ENGG 101 **assessment** including its goals and rubrics, resources for teaching the goals, sample scoring, and **assessment** results. Beginning Fall Semester 2018, we will be **assessing** student work in ENGG 101. This _____ will be divided into three phases:

Use “this”+ Summary Word

2. For a long time, we have been hearing about Samsung's stretchable 9.1-inch OLED panel. This _____ has given birth to many rumors and leaks online. They have also made other smartphone manufacturers adopt this _____ in their to-be-launched phones.

Use “this”+ Summary Word

3. In recent years, the number of students applying to Ph.D. programs has increased steadily, while the number of places available has remained constant. This _____ has resulted in intense competition for admission.

Use “this”+ Interpretive Word

4. According to a recent survey, **26%** of all American adults now smoke, down from **38%** 30 years ago. This _____ can be partly attributed to the mounting evidence linking smoking and fatal diseases, such as cancer.

Information Flow

a) Use pronouns

b) Use “*this + summary word*”

or use “*this + interpretive word*”

c) Communicate “*old information*” before
“*new information.*”

Old Before New

□ *Compare: Which sounds better?*

- a) Jingu Park received a master's degree in computer science from X and is now working at the Institute of Computer Technology. He is currently working on information systems as a researcher at the institute.
- b) Jingu Park received a master's degree in computer science from X and is now working at the Institute of Computer Technology. As a researcher at the institute, he is currently working on information systems.

Old Before New

The three most common strains of flu virus are identified.

These strains are then separately grown and

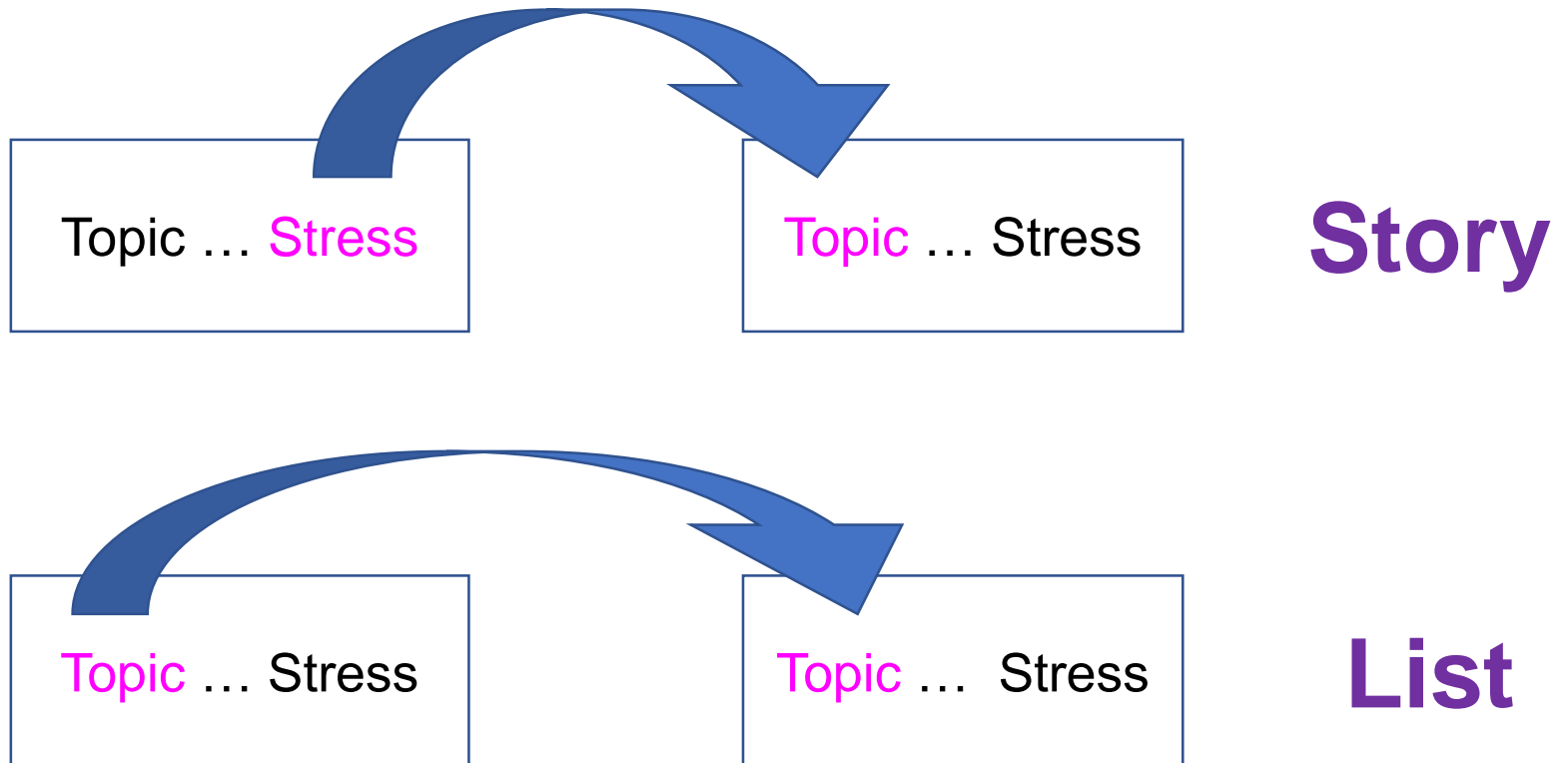
harvested. The harvested virus is purified and

inactivated. Finally, the inactivated virus strains are

blended together with a carrier fluid and dispensed into

vials.

Information Flow



Information Flow (List)

Exercise:

^A Our findings demonstrate that in patients with clinically moderate to severe congestive heart failure and left ventricular dysfunction, the arteriolar vasodilator hydralazine produces significant hemodynamic **benefits** independent of the presence or absence of mitral regurgitation. ^B We found significant increases in cardiac index, stroke volume index, and stroke work index, and significant decreases in systemic vascular resistance in all patients. ^C These **beneficial effects** were greatest in patients who had documented severe to moderate mitral regurgitation, intermediate in those who had mild to no apparent mitral regurgitation, and smallest in patients who had competent mitral valve prostheses and therefore no mitral regurgitation.

Information Flow (List)

Exercise (Revised):

→ ^A Our findings demonstrate that in patients with clinically moderate to severe congestive heart failure and left ventricular dysfunction, the arteriolar vasodilator hydralazine produces significant hemodynamic **benefits** independent of the presence or absence of mitral regurgitation. ^B **The benefits** we found were significant increases in cardiac index, stroke volume index, and stroke work index, and significant decreases in systemic vascular resistance in all patients. ^C **These benefits** were greatest in patients who had documented severe to moderate mitral regurgitation, intermediate in those who had mild to no apparent mitral regurgitation, and smallest in patients who had competent mitral valve prostheses and therefore no mitral regurgitation.

Information Flow (List)

Exercise:

^A **Propranolol** had variable effects on the hypoxemia-induced changes in regional blood flow. ^B In the cerebrum, the increase in blood flow caused by hypoxemia was not significantly altered by propranolol. ^C However, in other organs, such as the gut and the kidneys, and in the peripheral circulation, **propranolol** caused a more severe decrease in blood flow than did hypoxemia alone.

Information Flow (List)

Exercise (Revised):

→ ^A Propranolol had variable effects on the hypoxemia-induced changes in regional blood flow. ^B In the cerebrum, propranolol did not significantly alter the increase in blood flow caused by hypoxemia. ^C However, in other organs, such as the gut and the kidneys, and in the peripheral circulation, propranolol caused a more severe decrease in blood flow than did hypoxemia alone.

Logical Flow

Exercise 13:

Male rats were used, and standard food and tap water were provided as desired. Food was withheld for 24 hours before surgery.



Logical Flow

Exercise 14:

One complication of ureteral injury is stricture. Stricture occurs if a segment of the ureter is devitalized, and treatment of ureteral stricture depends on several factors, including the length of the segment that is strictured.



Other Important Language Points

Achieving Emphasis

Comparison:

1. Sungjoon has always loved children.
Pediatrics, therefore, was a logical specialty choice for him.
2. Sungjoon has always loved children.
Therefore, pediatrics was a logical specialty choice for him.

Achieving Emphasis

Comparison:

1. The patient slept peacefully during the first postoperative day.
2. During the first postoperative day, the patient slept peacefully.

Achieving Emphasis

Exercise 15:

1. The confused patient could not cooperate.
2. Because the patient was confused, he could not cooperate.
3. The patient was confused. He could not cooperate.
4. The patient, being confused, could not cooperate.
5. The patient was confused, and he could not cooperate.
6. The patient, in confusion, could not cooperate.

Hedging (Vague Language)

d. Softening criticism: Use hedging

Types	Examples
Introductory verbs	seem, tend, appear to be, believe, suggest, think, look like
Modal auxiliary verbs	would, may, might, could
Frequency Adverbs	often, sometimes, usually, seldom
Probability adverbs	unlikely, probable, possible
Modal nouns	assumption, possibility, probability
That clauses	It could be the case that It might be suggested that
To-clause + adjective	It may be possible to obtain It is important to develop

<http://www.uefap.com/writing/feature/hedge.htm>

BMI, Mortality, and Cardiovascular Outcomes in Type 1 Diabetes: Findings Against an Obesity Paradox

Jon Edqvist,^{1,2} Araz Rawshani,¹
 Martin Adiels,³ Lena Björck,^{1,2}
 Marcus Lind,^{1,4} Ann-Marie Svensson,⁵
 Sofia Gudbjörnsdóttir,⁵ Naveed Sattar,⁶
 and Annika Rosengren^{1,2}

Diabetes Care 2019;42:1297–1304 | <https://doi.org/10.2337/dc18-1446>

Recent studies suggest that insulin resistance in overweight or obese individuals with type 1 diabetes may be associated with an increased risk of vascular complications (1), but few studies have investigated the relationship between BMI in individuals with type 1 diabetes and mortality. Phenomena such as the obesity paradox, which suggests that there is an inverse association between BMI and risk of cardiovascular outcomes, have been debated intensely in the past decade (2). Also, the prevalence of obesity in the general Swedish population has increased steadily over past decades (3), and for patients with type 1 diabetes, weight gain is a potential side effect of intensive insulin therapy, which is the mainstay of modern management (4). Hence, to our

knowledge, no study has described the overall trend in BMI for the population with type 1 diabetes.

Among patients with type 1 diabetes, low weight has been associated with an increased mortality risk in African Amer-

31 December 2012, with patients followed until December 2013 or to the occurrence of a cardiovascular event, hospitalization for heart failure (HF), or death from cardiovascular causes or from any cause.

Hedging

Conclusions: These data show that testosterone is a major modulator of FGF2, MRF4, and myostatin expression in skeletal muscle. These effects may contribute to the increase in muscle mass after testosterone therapy. (*J Clin Endocrinol Metab* 104: 2094–2102, 2019)

Conclusions: Water supplementation in persons with habitually low water consumption and high copeptin levels is effective in lowering copeptin. It appears a safe and promising intervention with the potential of lowering fasting plasma glucose and thus reducing diabetes risk. Further investigations are warranted to support these findings. (*J Clin Endocrinol Metab* 104: 1917–1925, 2019)

Conclusions: Patients with PTC harboring at least one of the prognostic characteristics may be at persistent risk of cancer mortality and recurrence even 10 or more years after initial treatment. Understanding the hazard rate of PTC is key to creating more tailored treatment and surveillance.

<https://doi.org/10.1089/thy.2018.0128>

Exercise (Hedging)

Exercise 16:

- 1) The topic of the manuscript is inappropriate for the scope of this journal.
- 2) The author is mistaken about some points.
- 3) Climate change is caused by human activities.
- 4) There is already considerable research in this area.

Punctuation for Clarity

Let's eat grandma!



Let's eat, grandma!

**PUNCTUATION
SAVES LIVES!**



<https://www.youtube.com/watch?v=qfDbaj5HN1s>

En dash range style (e.g., APA)	Hyphen range style (e.g., AMA)	Running text spell-out
June–July 2018	June-July 2018	June and July 2018
1:15–2:15 p.m.	1:15-2:15 p.m.	1:15 to 2:15 p.m.
For ages 3–5	For ages 3-5	For ages 3 through 5
pp. 39–55	pp. 39-55	pages 39 to 55
President Barack Obama (2009–2017)	President Barack Obama (2009-2017)	President Barack Obama, in office from 2009 to 2017

Hyphen/En dash/Em dash

Exercise 17:

1. Non English language newspapers

→

2. The post World War II era (vs. post war era).

→

N dash

To investigate the relationship between organizational performance and employment discrimination, this study relies on a field experiment in which applications were sent to real job vacancies in 71 Danish public schools. Overall, an application with a Danish-sounding name was about 60 percent more likely to receive a callback for an interview compared with a similar applicant with a Middle Eastern-sounding name. Next, these data were merged with administrative data on school performance.

Em Dash

Title: Endoscopic sleeve gastroplasty for obesity: defining the risk and reward after more than 1600 procedures (GIE June 2019)

Endoscopists are increasingly positioned to play a vital role in the future therapy of obesity—arguably our world’s most significant public health problem to date.

Em Dash

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Effects of Intraoperative Intrawound Antibiotic Administration on Spinal Fusion

A Comparison of Vancomycin and Tobramycin in a Rat Model

While the current literature suggests that the use of topical vancomycin powder is efficacious in minimizing the risk of SSI—especially methicillin-resistant *Staphylococcus aureus* (MRSA) infection—in patients undergoing spine surgery, without systemic toxic effects, such as the occurrence of renal or hearing dysfunction^{3,4,6,24,30}, its local effects on spinal fusion outcomes have yet to be fully characterized in a clinically relevant fashion. Despite in vitro and in vivo evi-

Punctuation

- A. Certain factors, sex, age, physical conditioning, and genetic predispositions, affect the seriousness of the reaction.
- B. Sex, age, physical conditioning, and genetic predispositions—all of these factors affect the severity of the reaction.
- C. Certain factors—sex, age, physical conditioning, and genetic predispositions—affect the seriousness of the reaction.
- D. Certain factors (sex, age, physical conditioning, and genetic predispositions) affect the seriousness of the reaction.

Pejorative/Problematic Terms

Adapted from *Publishing Your Medical Research*

Problematic Term	Preferred Term
Autistic children were compared with normal children	Children with autism spectrum disorder were compared with typically developing children
In 20 patients used as controls	For 20 patients who served as controls
Hypertensive patients	Patients with hypertension
The patient complained.	The patient reported symptoms.
Patients with complications	Patients who experience complications
None of the 25 patients had a complication.	No complications occurred in the 25 patients.

Collocations

Exercise 18:

utterly strongly bitterly ridiculously highly deeply

1. very concerned →
2. very controversial →

Collocations

3. Many musicians who **get** arthritis experience the tragedy of no longer being able to play their instrument.

→

4. Millions of people **get** malaria each year in poorer countries, and drugs to treat it are in short supply.

→

References

[Collocation Dictionary] <http://www.ozdic.com/>

[Academic Phrasebank]

<http://www.phrasebank.manchester.ac.uk/>

[Publishing Ethics Resource Kit (PERK) for editors]

<https://www.elsevier.com/?a=52964>

[Sample Correspondence for an Editorial Office]

<https://www.councilscienceeditors.org/resource-library/editorial-policies/sample-correspondence-for-an-editorial-office/>

References

[How to find/use “en dash” on your keyboard]

<https://www.youtube.com/watch?v=qfDbaj5HN1s>

[가독성 통계기능]

<https://ko.play-and-more.com/7703-readability-statistics-feature-microsoft-word>

[영문글 분석]

<https://www.wordandphrase.info/analyzeText.asp>

인터넷을 활용하여 영어적 표현 찾는 방법

- 정확한 문구를 검색할 경우 인용부호를 활용한다.
예) “academic writing skills”
- 중간에 어떠한 표현이 들어가는지 알아보고 싶을 경우, 찾고자 하는 표현이 들어가는 자리에 * (별표시)를 넣고 검색 해본다.
예) “make * improvement”
- 정확한 영문 용어를 찾고 싶다면, Google translator 보다는 Google에 들어가서 국문 용어, 영어 keyword 를 나란히 입력하고서 검색 해본다.
(국문 용어를 찾을 때는 영문 용어, 국문 keyword를 입력하고 검색)
- 전공분야 논문들을 database로 활용하는 방법
 - 1) PDF 파일로 된 논문들을 50-100개 정도 다운 받아서 하나의 폴더에 저장한다.
 - 2) Adobe Reader에서 편집 --> 고급 검색 메뉴로 들어간다.
 - 3) 검색할 단어나 구를 입력하고 검색 해본다.