

## Neurophysiology of Amplification and Mutation of Poetic Sense: Focusing on Hwang Jin-yi's Sijo "I do not untrustworthy"

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### *Abstract*

*Sometimes, literary therapy is to create an abscission layer at the mind and remove the signifier of love, by the abscission layer. The purpose of this study is to reveal the mechanism of literary therapy by mutation in human-created sentences and to activate literary therapy. In Gosijo, the abscission layer of Seo Gyeongdok's mind is present in the layer of the "falling leaf" of the his Sijo's last sentence, and the abscission layer of Hwang Jin-yi's mind exists in the layer of the "falling leaf" of the her Sijo's last sentence. The "falling leaf" created by the abscission layer of Seo Gyeongdok's sentence acts as an action potential to the nervous system of Hwang Jin-yi. In Hwang Jin-yi's Sijo, the abscission layer is also activated, forming a "leaf". Hwang Jin-yi's Sijo constructs a new sensory layer that is extended and mutated more than the meaning of space between lines of Seo Gyeongdok's Sijo. In her Sijo, Hwang Jin-yi twists and twists Seo Gyeongdok's sentences to squeeze the sound. She accepts the Seo Gyeongdok's sentences and twists in the first sentence and twists out of the second sentence once more to produce the mutation in the last sentence. As a result of her sentence twist, Seo Kyung-duk's visual sense of "falling leaf" is mutated into a "falling leaf's sound" of auditory sense. This mutation process works as a healing mechanism in the human body. If this study will continue in the future, it will be possible to activate literary therapy by Sijo.*

**Keywords:** *Hwang Jin-yi, Literary Therapy, Abscission layer, To twisting of sentence, Mutation*

### **1. Introduction**

How does literary therapy happen? Why do so many people have negative views on literary therapy? Recently surprising studies [31-32] have been published for those who deny literary therapy. These studies reveal that human emotions, human signals are related to art activities. There is no research that reveals how a literary therapy takes place in a definite sentence. However, There may be various cases, but occasionally, literary therapy appears as an act of removing the signifier of love by creating an abscission layer in the heart. When the signifiers of love are removed, there is a longing in the empty place. This remaining longing works

as therapeutic signifiers. A Sijo created to actuate mind's abscission layer tries to complete the "encoding" [1-3,5] in the last sentence. To complete the encoding, one's Sijo can amplify the operation of the abscission layer by affecting the other's Sijo. The purpose of this study is to clarify the mechanism of literary therapy by mutation in human-created sentences and to activate literary therapy. The purpose of this study is to clarify the mechanism of literary therapy by mutation in human-created sentences and to activate literary therapy.

Hwang Jin-yi and Seo Gyeongdok's Sijos can be appropriately utilized in this research. This is because Hwang Jin-yi's Sijo answers Gyeongdok's Sijo. Therefore, this study uses Seo Gyeongdok and Hwang Jin-yi's Sijos to discuss the mutating process by transferring the encoding layer onto the abscission layer. Let's search the Hwang Jin-yi's sense encoded and mutated by Seo Gyeongdok Sijo's emotional transference. As a result of the encoding, Hwang Jin-yi's Sijo will show that the sense layer expands in the her Sijo. We will find out these emotional layers and discuss them in the literary therapeutic view. No previous study on the subject of this study was found. However, recent articles of circumstantial evidence [31-32] have been published on the results of our previous studies. This series of trends was able to draw a positive outlook on those who denied literary therapy.

The first part of this research process will introduce and analyze Sijo that Seo Gyeongdok sent to Hwang Jin-yi. And secondly, this research will introduce and analyze Sijo that Hwang Jin-yi replied to Seo Gyeongdok. Finally, this research will look at the sentences that influenced Hwang Jin-yi's Sijo by Seo Gyeongdok's Sijo. We will see that Hwang Jin-yi's Sijo was created by the contact between sentence and physiological function. The term "Encoding" [1-3,5], "Re-encoding" [3,5], "action potential" [2], and its contents, which are physiological references [1-3,5] Will be demonstrated. The term "encoding" [1-3,5], "re-encoding" [3,5], "action potential" [2], and its contents, which are physiological references [1-3,5] will be demonstrated. In this study, "encoding" means a situation where emotions or senses are formed in the human body by sentences. And "action potential" means that electric action occurs in the human body in order to activate emotions or senses in the human body by sentences. This study is on the extension of this researcher's "previous articles" [6-30].

## **2. Abscission layer of sentence**

Seo Gyeongdok's sentence and Hwang Jin-yi's Sijo are equipped with abscission layers of sentences. The abscission layers of sentences constructed by Seo Gyeongdok and Hwang Jin-yi exist to eliminate the signifiers of the creators and the readers' love. When mind's abscission layers erase signifiers of love, the emotions of the love become deeper. These abscission layers are abscission layers of longing. The Sijo's sentence ignores the love with the longing that sets the angle of the abscission layer. And the abscission layer's sentence amplifies the loving longing. Let's look at these mechanisms.

### **2.1. Love to be deleted**

Now we will introduce Sijos of the Seo Gyeongdok and Hwang Jin-yi's. We will know how longing sentences are operating the abscission layer of love. The following is the Seo Gyeongdok's Sijo (H. G. Kim. et al., 2012: 328) [4].

마음이 어린 후니 하는 일이 다 어리다  
만중\_운산에 어느 임 오리마는  
지는 일 부는 바람에 행여 권가 하노라.

This Sijo is interpreted as follows in English.

I am foolish in heart so I am foolish in all things.  
 She will not come to the mountains where the clouds overlap,  
 I think that she is coming here as the wind of the falling leaf.

The following is the Hwang Jin-yi's Sijo (H. G. Kim. et al., 2012: 204) [4].

내 언제 무신하여 입을 언제 속였관대  
 월침\_삼경에 온 뜻이 전혀 없네  
 추풍에 지는 잎 소리야 낸들 어이하리오.

This Sijo is interpreted as follows in English.

I do not untrustworthy, I have not deceived you,  
 On a deep, cloudy moonlight night, there is no news that you are coming.  
 At the falling leaf's sound by the autumn wind, I do not know what to do.

## 2.2. The location of abscission layer

Looking at the previous two Sijos, there are abscission layers in Seo Gyeongdok's last sentence and Hwang Jin-yi's. Because the leaves are falling from Sijos. Seo Gyeongdok's abscission layer of mind is in the layer of "falling leaf" of his last sentence. Hwang Jin-yi's abscission layer of mind also exists in the layer of "falling leaf" of her last sentence. In the Seo Gyeongdok's sentence, the "falling leaf" is activated by the abscission layer. The Seo Gyeongdok's abscission layer operates as an "action potential" [2] in Hwang Jin-yi's nerve system. For that reason, Hwang Jin-yi's Sijo also has an abscission layer. So, "falling leaf" is also activated in the Hwang Jin-yi's sentence. In other words, Seo Gyeongdok's abscission layer builds another abscission layer in the Hwang Jin-yi's inside.

## 3. Mutation

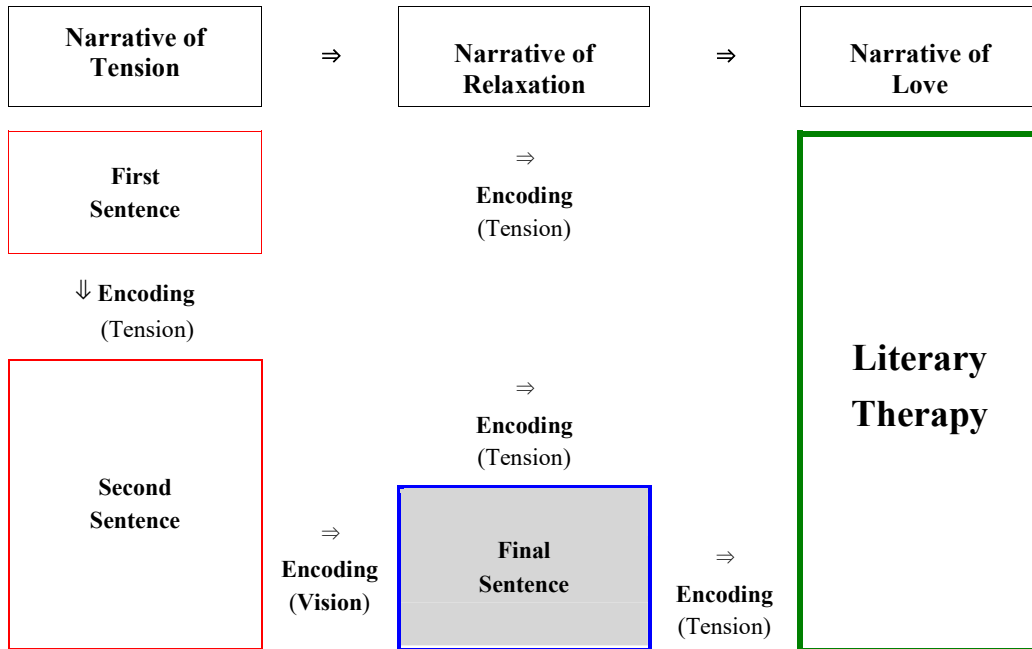
Sijo's first sentence and second sentence are used to create the abscission layer. The first sentence and the second sentence of this Sijo are "encoding" [1-3,5] and construct the abscission layer in the last sentence. Let's look at the process of this encoding.

### 3.1. Encoding and Re-encoding

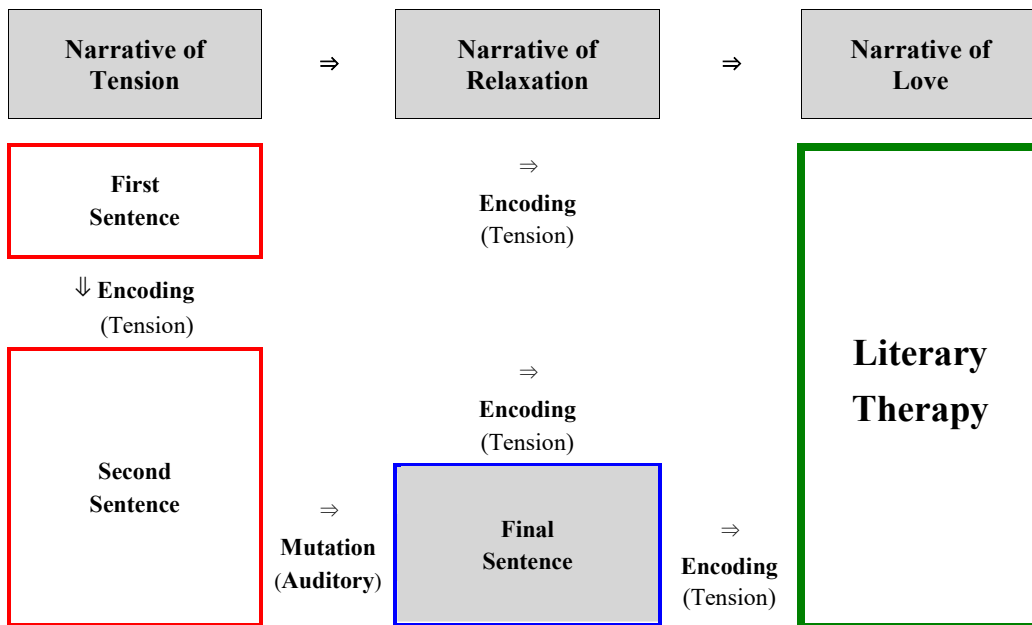
Table 1 shows the encoding of Seo Gyeongdok's Sijo. The Seo Gyeongdok's first sentence is encoded to the second sentence, and the second sentence is encoded to the last sentence to form the abscission layer in the last sentence. This is again encoded into the reader and the literary therapy is performed.

Table 2 shows Hwang Jin-yi's Sijo's "encoding" [1-3,5] and the process of mutation. The encoding of Seo Gyeongdok's Sijo again encodes in the human body of the reader. Hwang Jin-yi is the reader of Seo Gyeongdok's Sijo. In Hwang Jin-yi's Sijo, the process of "re-encoding" [3,5] is to encode Seo Gyeongdok's narrative. The first sentence is encoded as the second sentence, the second sentence is encoded as the last sentence, and the abscission layer is formed in the last sentence.

**<Table 1> The Encoding of Seo Gyeongdok's Sijo**

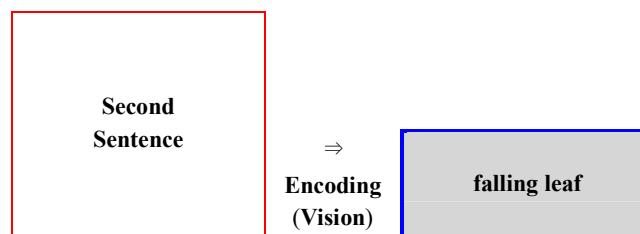


**<Table 2> The Mutation of Seo Gyeongdok's Sijo into Hwang Jin-yi's Sijo**

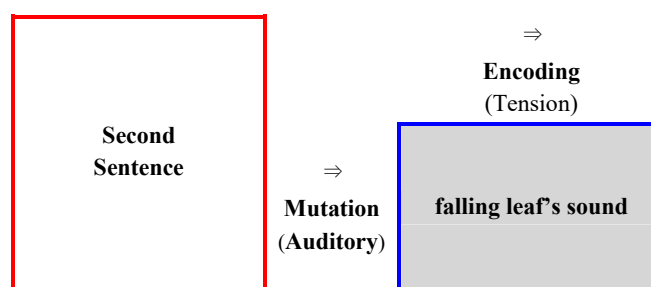


### 3.2. To twisting of sentence

The Hwang Jin-yi's Sijo is twisting sentences of the Seo Gyeongdok's Sijo. Hwang Jin-yi twists the sentence to produce a sound. So in Sijo, sentence is a musical instrument, and twisting a sentence is playing. The Sijo twists and shakes the abscission layer. In the path of Table 1, Seo Gyeongdok twisted the sentences and Hwang Jin-yi also twisted sentences in the path of Table 2. Hwang Jin-yi's Sijo, however, builds a layer of new sense that extends and mutates more than Seo Gyeongdok's space between lines. Hwang Jin-yi twists Seo Gyeongdok's sentence to make the sound and to create an abscission layer of sentence. As a result, the visual sensation of Seo Gyeongdok's Sijo is mutated into auditory sense in Hwang Jin-yi's Sijo. In this mutation, the vision is amplified by adding auditory sense. Hwang Jin-yi's sense was amplified in the form of "falling leaf + sound" from "falling leaf". Following this process, the human body is activated together with the brain part that controls the visual sensation and the brain part that controls the auditory signal. Then healing is done. It is a process of healing. The following is a part of Table 1 that describes "encoding" [1-3,5] of "falling leaf".



The Seo Gyeongdok's sentence experiences visual encoding through encoding of first sentence and second sentence. It can be seen in "falling leaf". The following is a part of Table 2 describing the mutation of "falling leaf".



The Hwang Jin-yi's sentence twists Seo Gyeongdok's first sentence and twists it in second sentence once more. Then, in the last sentence, it performs mutation through "re-encoding" [3,5] of "falling leaf". As a result of Hwang Jin-yi's twist, the sentence mutates Seo Gyeongdok's visual sense "falling leaf" into auditory sensation "falling leaf's sound". The process of this mutation radiates the mechanism of healing that causes the "action potential" [2] in the human body.

#### 4. Conclusion

Sometimes, literary therapy creates an abscission layer in the heart and removes the signifiers of love. The signifiers of love disappear and extra longings formed act as signifiers of literary therapy. The purpose of this study was to clarify the mechanism of this literary therapy and to activate the literary therapy by Sijo.

The abscission layers of longings inherent in the sentence seem to amplify the emotion of love. The abscission layer formed in the space between lines of work causes an action potential in the nerve system of the other. In this way, the abscission layer is built inside the other. Then the space between lines transferred to the other creates a new sensual layer that is further expanded, and mutated. Hwang Jin-yi twisted and twisted Seo Gyeongdok's sentences, completing the mutation from the visual sense "falling leaf" to auditory sensation "falling leaf's sound". This is an extension of the sensation from "falling leaf" to "falling leaf '+ sound". This process of extension and mutation emits healing mechanisms. In the future, if these studies are continued, the utility of literary therapy by Sijo will be maximized.

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