

THE LITERATURE RESEARCH OF CHARACTER AND ORIGIN ABOUT ASTRAGALUSMEMBRANACEUS

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Abstract:The character of TCM materials often have a connection with the quality. Identifying quality by appearance of TCM, as an important distinguishment way, especially some famous-region drugs, can distinguish the quality of TCM by character. With the development of science and technology, some characters, for example, color, odour, etc, can be detected by some experiment instrument and equipments, which can promote the further study about the character of TCM and achieve the datamation of TCM character.

Keywords:Astragalusmembranaceus; character; datamation ; discrimination of quality by character

Astragalusmembranaceus, as a common traditional Chinese medicine,has a long history in medication. It mainly comes from hunyuan ,fanzhi, shanyin,etc, but the quality of from these producing area is no better than the first 2 kinds. Due to the complex relationship in Astragalus ,theAstragalus go by the name of Astragalus complex. The complex relationship in Astragalus has a great difference in quality.

1. Herbal records about the characters of Astragalus Astragalus has a long history in medication more than 2000 years, starting to the book Prescriptions for Fifty-two Diseases.Traditional Chinese medical science thinks that Astragalus: sweet, micro cold, thin and thick flavor. ZhengLeiBencao, The Collation and Annotation of MateriaMedicarecord: “micro brown skin, inner is white, flexible as cotton, sweet flavor ”.

According to the records of ancient books, certified Astragalus products, no matter where the origin,what dynasty it is or what the medicinal plant source is, the colour, odour about Astragalus is the same. It is inferred that the color,odour maybe have a connection with the quality of Astragalus.

2. Modern records about character of Astragalus Chinese pharmacopoeia in 1963 and 1977 records the main source of Astragalus has a great change. Mongolia Astragalus has been the main resource of Astragalus.from then on. Consulting on the charaters of Astragalus on CNKI,we discover that the character of Astragalus in journal is the same as the Chinese pharmacopoeia.

3. The theory of discrimination of TCM by character In 1994, the famous Chinese medicine scientist Xie-Zongwan proposed the theory of discrimination of TCM by character .In recent years, some characters of TCM have been detected by modern instrument and machine,which make it possible for datamation of character.Peng-Li-an use electronic nose and chroma meter to study the correlation between color and chemical composition of FlosLonicerae, and get some progress.Li-Wen can distinguish the dried tangerine or orange peel by the information of chroma meter test, and was proved proper by modern machine and instrument.

4. Conclusion The theory of discrimination of TCM by character is not just traditional distinguishment by character in sense organs, but also discriminiation of TCM by modern instrument and machine’s data.I think the datamation of character is the discrimination of TCM study forward,and make it possible for the theory of modernization of TCM.

Consulting on the literature of character of Astragalus in CNKI and ancient books, we discover that Astragalus,no matter what the medicinal plant origin is, no matter what dynasty it is, the odour and colour of Astragalus no change. The theory of discrimination of TCM by character takes a very important role in traditional distinguish of TCM.Now, the condition of datamation of TCM,so it’s necessary to go on a study on the character of famous region drug and not-famous region drug, especially the colour and odour,andanalyze the relationship the data information and quality.

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