Ancient Chinese medical ethics and the four principles of biomedical ethics

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Abstract

The four principles approach to biomedical ethics (4PBE) has, since the 1970s, been increasingly developed as a universal bioethics method. Despite its wide acceptance and popularity, the 4PBE has received many challenges to its cross-cultural plausibility. This paper first specifies the principles and characteristics of ancient Chinese medical ethics (ACME), then makes a comparison between ACME and the 4PBE with a view to testing out the 4PBE's cross-cultural plausibility when applied to one particular but very extensive and prominent cultural context. The result shows that the concepts of respect for autonomy, non-maleficence, beneficence and justice are clearly identifiable in ACME. Yet, being influenced by certain socio-cultural factors, those applying the 4PBE in Chinese society may tend to adopt a "beneficence-oriented", rather than an "autonomy-oriented" approach, which, in general, is dissimilar to the practice of contemporary Western bioethics, where "autonomy often triumphs".

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The four principles approach to biomedical ethics¹ (autonomy, beneficence, non-maleficence and justice, collectively known as the "principles-oriented framework" or "principlism") has been developed by Beauchamp and Childress in America since the 1970s, and has been promoted by Raanan Gillon as the "four principles plus scope"² approach in Europe. It has been popularly accepted, especially in medical circles, as a set of "universal" guidelines for bioethics, despite much vehement criticism. This approach claims, according to Gillon, that "whatever our personal philosophy, politics, religion, moral theory, or life stance, we will find no difficulty in committing ourselves to four *prima facie* moral principles plus a reflective concern about their scope of application. Moreover, these four principles, plus attention to their scope of application, encompass most of the moral issues that arise in health care".³ This claim of "universality" may be the theory's most

important merit, because if these moral principles are transcultural and utilise the common moral language of different societies, they can be applied worldwide, thus fulfilling the need for a cross-cultural, global bioethics methodology. However, perhaps ironically, it is also the most challenged position since critics hold that: [since] "applied ethics is a phenomenon of a particular culture, principlism cannot be accepted as the timeless and univocal norm for bioethics as it claims to be".⁴ In other words: "because the theory is developed from American common morality (and in reality only from a subset of that morality) it will mirror certain aspects of American society, and may, for this reason alone, be untransferable to other contexts and other societies".⁵

Without entering into the many debates on principlism, this paper aims to compare ancient Chinese medical ethics (ACME) with the four principles of biomedical ethics (4PBE) and to test out the theory's cross-cultural plausibility in one particular but very extensive and prominent cultural context. The author will first specify the principles and characteristics of ACME, then assess whether the four principles exist in ACME and whether they are commensurable with this particular Eastern, Chinese ethos. Ancient Chinese medical ethics will then be interpreted in the light of the four principles to endow these ancient maxims with a modern spirit.

The principles and characteristics of ancient Chinese medical ethics

The earliest and most representative literature of medical ethics in China appeared in the seventh century. Sun Szu-miao (AD581–682), a famous physician, Taoist and alchemist, wrote a monograph entitled *On the absolute sincerity of great physicians*.⁶ He emphasised the necessity of a thorough education, rigorous conscientiousness and self-discipline, and explained that "compassion (*tz'u*)" and "humaneness (*jen*)" were the basic values of medical practice. In summarising his work, it could be concluded that the principles of medical ethics are as follows:

THE PURPOSE OF MEDICAL PRACTICE

1. The object is to help, not to gain material goods.
2. Save life and do not kill any living creature.
3. Do not seek fame: virtuous conduct will be rewarded by humans and spirits.

THE REQUIREMENTS OF A GREAT PHYSICIAN

4. Master the foundations of medicine thoroughly, work energetically and unceasingly.
5. Be mentally calm and firm in disposition; do not give way to selfish wishes and desire.
6. Commit oneself with great compassion to save every living creature.

MANNER OF MEDICAL PRACTICE

7. Possess a clear mind and maintain a dignified appearance.
8. Do not be talkative, engage in provocative speech, or make fun of others.
9. Do not ponder upon self-interest and fortune; sympathise and help wholeheartedly.
10. Examine and diagnose carefully, prescribe accurately and cure effectively.

ATTITUDE TOWARDS PATIENTS

11. Treat everyone on an equal basis, no matter whether they are rich or poor.
12. Do not reject or despise a patient who suffers from abominable diseases such as ulcers and diarrhoea: be compassionate and sympathetic.
13. Do not enjoy oneself in a patient's house while the patient is suffering.

ATTITUDE TOWARDS OTHER PHYSICIANS

14. Do not belittle another physician in order to exalt one's own virtue.
15. Do not discuss others and decide about their rights and wrongs.

These moral doctrines emphasise the obligation to help as well as the virtuous character required of a physician. They also revealed that Confucian ideology was the underlying paradigm, with Taoism and Buddhism playing some part in providing immanent values.

After Sun Szu-miao, literature concerning the ethics of medical practice and the moral character of physicians appeared sporadically from time to time. The most relevant and important works include: Chu Hui-ming's (AD1590) *Tou chen chuan hsin lu* (*Medical cures learnt by heart*),⁷ Kung Hsin's (AD1556) *Ming i jen* (*Exhortation for enlightened physicians*),⁸ Kung Ting-Hsien's (AD1615) Ten maxims for physicians and ten maxims for patients in *Wan-ping hui-ch'un* (*Back to life from a myriad of sickness*),⁹ Chen Shih-kung's (AD1605) Five commandments and ten requirements for physicians in *Wai-ko cheng-tsung* (*An orthodox manual of surgery*),¹⁰ Chang-Lu's

(AD1627-1707) Ten commandments for physicians in *Chang-shih-i-tung* (*Chang's general medicine*),¹¹ and so on. These articles cannot be addressed in detail here, but the author will refer to them in the following discussion.

On reviewing these ancient literatures concerning medical ethics, we find that they have much in common and can be summed up in the following principles:

- To appreciate the value of life and practise medicine with a heart of compassion and humaneness.
- To master Confucianism prior to learning medicine.
- To master medical knowledge by studying reliable sources diligently and extensively.
- To improve clinical skill and maintain a high professional standard.
- To be frugal, not to be greedy for wealth and fame.
- To treat patients equally, and as if they were your family.
- To be sincere, decorous, devoted, absorbed and selfless in treating patients.
- To treat female patients only in the presence of an attendant; respecting their confidentiality, and not being lustful.
- To be modest and prudent towards other physicians, not to belittle and criticise one's colleagues.

These principles demonstrate ACME with the following characteristics:

1. Ancient Chinese medical ethics is established on the foundation of Confucian ethics: For two thousand five hundred years, the Confucian scriptures were essential teaching materials for students and Confucian ethics was the dominant moral philosophy and ideology of Chinese culture. Many Confucian scholars practised healing arts and formulated their professional ethics on the bases of Confucian ethics. Medical practice was regarded as one of their many duties. The moral standard for a physician was basically the same as that of an ideal Confucian person, "chun-tzu": the "superior man". It was widely accepted that a physician's saving his patients' lives and promoting their welfare was as respectable as a Confucian scholar's realising his moral and political aspirations through ruling the states and bringing peace and prosperity to people. The well-known saying "gong-tong-liang-hsiang" ("the achievement equals that of a good prime minister")

frequently used by Chinese people to praise a successful physician, reflects this concept exactly.

2. Humaneness (*jen*) is at the heart of its principles: Humaneness (*jen*) has appeared repeatedly in ACME. Confucius's concept of humaneness (*jen*) is bi-directional: the particular virtue which means love or benevolence, and the general virtue which is the foundation of morality, the basis of all goodness and the origin of all virtues; hence it is also rendered "perfect virtue" or "true humanity".¹² The practice of medicine is the realisation of humaneness. This is why Chinese use the adage "*jen-hsin-jen-shu*" ("a heart of humaneness, the skill of humaneness") to extol the merits of good physicians; because it is the immanent character of humaneness that makes medical practice valuable and respectable.
3. Ancient Chinese medical ethics has a strong deontological feature: ACME reveals the nature of duty-based ethics by its emphasis on the physicians' responsibility to care for and help their patients and not to seek for profits and fame or to give way to selfish wishes and desires.
4. Ancient Chinese medical ethics appears to be a virtue-based ethics: Confucian philosophy holds that the moral cultivation of an individual is the key to the achievement of social order and the flourishing of human beings. If physicians cultivate virtue this will guarantee their medical practice is ethical. Humaneness, compassion, righteousness, sincerity, trustfulness, modesty, frugality, restraint, diligence, selflessness, determination, wisdom . . . etc appear repeatedly in codes of ACME, which seems to reveal its assumption that "only a virtuous physician is a good physician". Another adage, "*shu-der-kan-chong*" ("both skill and virtue are admirable"), popularly used to praise doctors, reveals the indispensability of "medical virtue" ("*i-der*").

For one thousand three hundred years, after the time of Sun Szu-miao, ACME was based on Confucian ethics. Chinese physicians, together with those who practised healing arts, were respected as highly as the Confucian politicians who were able to accomplish their aspiration to bring peace and prosperity to people; they were also expected to be so virtuous as to achieve the moral standard of an ideal Confucian person, "*chun-tzu*", the "superior man". Medical virtue has been the focus of Chinese physicians' daily practice, and humaneness (*jen*) is the name of the virtue.

The four principles in ACME

RESPECT FOR AUTONOMY

Autonomy literally means self-rule or self-governance; it implies that one can freely act according to one's own chosen plans. The principle of respect for autonomy involves "respectful attitude" as well as "respectful action". That is, it is to be acknowledged that every individual has the right to hold views, make choices and take actions based on personal values and beliefs. Furthermore, the individual's autonomous actions should not be subject to constraints by others so long as no serious harm be inflicted on other persons.¹³ The concept of autonomy is a relatively modern ethical ideal; in fact, even American medical history itself only developed an autonomy-based ethics in the last thirty years. We may hence not expect to find many documents concerning "respect for autonomy" in ACME, especially when the ancient Chinese Empire was basically a society of classes, aristocracy, patriarchy and paternalism. Yet, with careful examination and a reasonable and, it is to be hoped, not strained, interpretation, documented respect for autonomy can be discerned.

The concept of respect for autonomy in ACME is relevant to Kant's moral justification. One of Kant's supreme moral laws indicates that no person should be treated merely as a means but always also as an end. From the Kantian viewpoint, persons are free, equal and rational beings, intrinsically possessed of absolute moral value. This unconditional worth and capacity for self-determination is the fundamental reason why persons should be respected. Since Kant believed that "autonomy of will" was the distinctive feature of a person, thus it was through acts of rational choice that a person affirmed his/her dignity and sublimity, which is the highest side of human nature. To violate a person's autonomy is to prevent him from pursuing his own goals and determining his own destiny; therefore, it is to treat that person merely as a means of others rather than an end in himself.

Similarly, as John Harris has argued, the distinctive features of rationality, self-consciousness and the capability of valuing one's own life, that a person has, make a person's life valuable. Valuable lives should be respected. Respect for the person is hence the starting point of morality and has two essential elements: first, concern for the welfare of others and second, respect for the wishes of others.¹⁴ Respect for autonomy is, therefore, the way in which one acknowledges other people as valuable beings of rationality and self-consciousness, the same as

oneself, who are consequently entitled to make choices to direct their own destinies.

In Sun Szu-miao's work we find that there was a requirement for physicians to display a devoted and respectful attitude towards the patients as well as towards the medical profession. Physicians were not to give way to selfish desire and be concerned with themselves, but were to be concerned only with the welfare of their patients. This echoes the Kantian idea that patients should always be regarded as ends but not means. Sun Szu-miao required a strong will and self-discipline in physicians: characteristics which are comparable to Kant's "self-legislation" and autonomy. Moreover, the unconditional duty toward patients is in itself a form of categorical imperative. Sun wrote:

"He should always act as if he were thinking of himself. He should not desire anything and should ignore all consequences; he is not to ponder over his own fortune or misfortune and thus preserve life and have compassion for it. He should look upon those who have come to grief as if he himself had been struck, and he should sympathise with them deep in his mind. Neither dangerous mountain passes nor the time of day, neither weather conditions nor hunger, thirst nor fatigue should keep him from helping wholeheartedly."¹⁵

He also advised against using living creatures, even a hen's eggs, as medication. This point of view, very likely influenced by the Buddhist precepts that "all living creatures are equal" and "do not kill life", showed a pervasive respect for life which is comparable to Albert Schweitzer's concept of "reverence for life". As Schweitzer wrote:

"... I am life wants to live in the midst of other life that wants to live. A thinking man feels compelled to approach all life with the same reverence he has for his own ... Ethics thus consists in this, that I experience the necessity of practising the same reverence for life toward all will to live, as toward my own. Therein lies the fundamental principle of morality."¹⁶

One thousand years after Sun Szu-miao, Chu Hui-ming (AD1590), a Confucian scholar and medical practitioner, professed that physicians should reflect on each case very conscientiously and should not engage in deceitful practice. If the patient's prognosis was poor, the physician should say so at the very beginning so there would be no need to experience shame and reproach at the end.¹⁷ These warnings reflect the virtue of veracity and the rule of telling the truth.

Later on, Chen Shih-kung (AD1605) wrote his Five commandments and ten requirements to

physicians and for the first time raised the concept of respect for the confidentiality of female patients:

"Physicians may visit a lady, widow or nun only in the presence of an attendant, but not alone. The secret diseases of female patients should be examined with a right attitude, and should not be revealed to anybody, not even to the physician's own wife."¹⁸

To sum up, ACME requires doctors to hold a respectful attitude and equal respect towards all patients and to help patients with unremitting toil even to the point of self-sacrifice. Ancient Chinese medical ethics also advocates the virtues of sincerity, trustfulness, truthfulness and veracity that are correspondent to the principle of respect for autonomy. The medical ethics regarding respect for autonomy in these ancient Chinese classics is similar to the Kantian justification of treating persons as ends, not merely as means. However, perhaps not surprisingly, we find no clear rules for "respecting the autonomous choice" of patients. Patient autonomy appeared nowhere in ACME, just as it wasn't present in the Western parallels: the Hippocratic oath, Percival's ethics, and early codes of the American Medical Association or the World Medical Association. Probably this is because patients always came to their doctors for a cure rather than with a conscious concern that their autonomy be respected. Yet undoubtedly, bearing a respectful attitude towards persons is the foundation of any meaningful interpersonal relationship as well as the starting point of a good doctor-patient relationship, but this might not necessarily lead to a doctor respecting the autonomous choices of the patient. We may doubt that, in the ancient Chinese ethos, patients' choices were respected by their doctors and families. The answer to whether they were can only be arrived at from a broader consideration of cultural factors and social practice.

NON-MALEFICENCE

The principle of non-maleficence asserts that one ought not to inflict evil, harm or "risk of harm" on others. Therefore, health care professionals providing medical services that reach "the standard of due care" through proper training, competent skills and diligent practice can be regarded as fulfilling the obligation of non-maleficence.¹⁹ Hence in the author's summarised principles of ACME "to master medical knowledge by studying reliable sources diligently and extensively", and "improve clinical skill and maintain a high professional standard", are equivalent to the concept

standard of due care. At the character and motivation level, ACME requires doctors “to be frugal, not to be greedy for wealth and fame”, and “not to be lustful”: thus evil and harm may be precluded.

Sun Szu-miao’s work asserted the principles “of saving life and not killing any living creature” and also described how diligent and devoted a “great physician” should be in treating his patients. In this way, he can avoid negligence. Moreover, the injunction “do not enjoy oneself in a patient’s house while the patient is suffering,” is yet another example of the application of non-maleficence:

“And then in visiting the sick, wherever beautiful silks and fabrics fill the eye, the physician is not allowed to look out for them either to the left or to the right. Where the sounds of string instruments and instruments of bamboo fill the ear, he should not evoke the impression that he delights in them . . . Such manners have their origin in the assumption that if one single guest is not contented, the whole party cannot be merry . . . if a physician is tranquil and engrossed in merry thoughts, in addition to being conceited and complacent, this is shameful for any human frame of mind. Such conduct is not suitable to man and conceals the true meaning of medicine.”²⁰

In Chang-Lu’s (AD1627-1707) *Chang-shih-i-tung* (Chang’s general medicine), he set out ten commandments for physicians to abstain from: 1. acquiring evil habits; 2. over self-confidence; 3. strong prejudice; 4. imitation or lack of initiative; 5. making careless diagnosis; 6. practising magic healing; 7. treating the nobility and commoners similarly;²¹ 8. neglecting poor patients; 9. extorting high compensation from critical cases; 10. criticising or slandering other physicians.²² These commandments admonish doctors to stick to the standard of due care by maintaining competent skills and prudent practice and to refrain from subjecting patients to the risk of harm. They interpret and specify the principle of non-maleficence comprehensively.

BENEFICENCE

Beneficence refers to actions done for the benefit of others, and is closely associated with mercy, kindness, charity, altruism, love, benevolence and humanity. Without question, health care professionals have the obligation to promote the welfare of their patients; this has always been the keynote of both ancient and modern, Eastern or Western, medical ethics. Ancient Chinese medical ethics basically focuses its moral doctrines of beneficence on humaneness (*jen*) and compassion (*i’zu*). Sun Szu-miao’s medical ethics professed

that: “The object is to help, not to gain material goods”, and a “great physician” should “commit himself with great compassion to save every living creature”. Kung Hsin in AD1556 wrote: “The good physician of the present day cherishes *humaneness* and *righteousness* . . . He cares not for vainglory, but is intent upon relieving suffering among all classes. He revives the dying and restores them to health: his beneficence is equal to that of Providence.”²³ Kung Ting-Hsien (AD1615) also said, in his Ten maxims for physicians, that: “Firstly, they should adopt a disposition of humaneness; this is a justified demand. They should make a very special effort to assist the people and to perform far-reaching good deeds.”²⁴ Ancient Chinese medical ethics urges physicians to “master Confucianism prior to learning medicine” and to practise medicine with compassion and humaneness. That is, they must regard their profession as a career of philanthropy, acting generously and selflessly to help the sick. From a Chinese maxim: “*bo-ai ji-zhong*” (“to relieve the great masses with philanthropy”), which was usually used to praise and encourage physicians, there is no doubt that both ACME and Confucius’ ethics are very familiar with the principle of beneficence.

JUSTICE

Justice demands fair, equitable and appropriate treatment in the light of what is due or owed to persons. Injustice, therefore, means a wrongful act or omission that denies peoples their due benefits or fails to distribute burdens fairly.²⁵ In the field of health care ethics, Gillon has interpreted the principle of justice as fair distribution of scarce resources (distributive justice), respect for people’s rights (rights based justice), and respect for morally acceptable laws (legal justice).² Since ACME consisted basically of physicians’ in-group moral codes, justice in ACME refers to the idea that doctors should treat their patients equally, justly and righteously, rather than to distributive justice. Ancient Chinese medical ethics teaches that doctors should provide medical services indiscriminately to those who come to seek help, that is, they should provide equal access to medical care for everyone in need, but also provide special help to the poor. This concept appeared repeatedly in ACME, for example, Sun Szu-miao wrote :

“If someone seeks help because of illness or on the ground of another difficulty, [a great physician] should not pay attention to status, wealth or age, neither should he question whether the particular

person is attractive or unattractive, whether he is an enemy or a friend, whether he is Chinese or a foreigner, or finally, whether he is uneducated or educated. He should meet everyone on equal ground.”²⁶

Kung Hsin (AD1556) wrote that: “The good physician of the present day cherishes humaneness (*jen*) and righteousness (*yi*)”.²³ *Yi* generally means righteousness, appropriateness, and justice, which entails the meaning of “the right things to do” as well as “doing things right”. Therefore, *yi* is quite compatible with the principle of justice since the idea of justice contains “appropriate treatment towards people and affairs”.

Chen Shih-kung (AD1605) also presented the similar idea of treating high or low, rich or poor equally. He particularly mentioned that prostitutes should be treated in the same way as daughters from a good family, which entails both equality and respect. Moreover: “Medicine should be given free to the poor. Extra financial help should be extended to the destitute patients; if possible. Without food, medicine alone cannot relieve the distress of a patient.”²²

This refers to the principle that “inequality should exist to benefit the worst-off”, which echoes Rawls’s “difference principle” of justice²⁷ as well as the principle of beneficence.

In summary, the principle of justice in ACME requires doctors to treat patients equally, and to extend compassion to the poor and the deprived and to afford them gratuitous service. Regarding the inter-physician relationship, ACME requires doctors “to be modest and prudent towards other physicians and not to belittle and criticise their colleagues”, which might be considered a rule of fair competition.

Conclusion

From the above review, it can be seen that the concepts of the four principles are clearly identifiable in ACME. Beneficence and non-maleficence have always been the keynotes of ACME since humaneness (*jen*) is the central theme of Confucianism on which ACME was founded. Ancient Chinese medical ethics is also familiar with the concept of *yi* (righteousness), equal treatment towards persons and extended help to the worst-off; therefore, it fulfils the concept of justice. Regarding the principle of respect for autonomy, ACME requires physicians to respect their patients as ends but not means by a sincere, decorous, devoted, absorbed and selfless attitude towards medical practice; it further requires them to value all life with a respectful attitude.

However, respecting a patient’s autonomy or choice was not mentioned explicitly.

The principles-oriented framework, which defined the four principles to be *prima facie* binding duties without *a priori* ranking,²⁸ provides no strategy for conflict resolution when these competing principles clash. However, it shows through the “specification”, “balancing and overriding” of the principles, that it is possible to develop coherent and justifiable answers to ethical dilemmas.²⁹ But these processes are hugely influenced by social conventions and cultural values since medical practice is based on doctor-patient relationships which exist in a particular historical context. In the traditional Chinese cultural background, the emphasis on filial piety (*Shiao*), family values and the common good may cause individuals to sacrifice their right to autonomous decision making to the preferential choice of families or social values. Putting the public interest before self-interest and individual rights, as well as highlighting the individual responsibility to the group may lead to collectivism or to the interpretation of justice, beneficence and non-maleficence in a “social-oriented” way,³⁰ which is very likely to suppress the concept of individual rights and autonomy. A more paternalistic and patriarchal historical tradition may eventually lead the doctor-patient-family relationship and medical decision making towards “medical paternalism”. Therefore, the “beneficence-oriented”, rather than “autonomy-oriented” approach may be observed in the traditional style of medical practice in Chinese society. This is obviously contrary to the mainstream of contemporary Western (or American) bioethics which, in general, tends to grant the uppermost position to the “value-complex of individualism which underscores individual rights, privacy, autonomy and self-determination”.³¹ Ancient Chinese medical ethics shares the same principles as contemporary Western bioethics, but the outcome of the “specification”, “balancing and overriding” could be totally dissimilar since ACME chooses a different principle as the “predominant” or “overriding” one.

What ACME can learn from the 4PBE is that while it accords to the virtues of humaneness as paramount value, and while it accentuates the deontological feature of medical practice, and also underlines personal responsibility to the society, common good, individual rights and autonomy should never be neglected or sacrificed. The traditional ethos of beneficence-orientation and social-orientation should be balanced by and reconciled with respecting individual rights and autonomy. For contemporary Western bioethics,

where “autonomy often triumphs”,³² the virtue ethics approach of ACME, by emphasising the medical virtues of humaneness and compassion and a physician’s duty to care with sincerity, devotion, and selflessness, might sound sermonising, old-fashioned and unrealistic. Yet, it is a timely reminder for the medical profession today, which has increasingly become either a product for profit-making in consumer-driven societies, or merely a public employment job within which doctors fulfil their daily routine but avoid giving personal or “directive” opinions in consultations since that could be considered manipulative or paternalistic. Ancient Chinese medical ethics calls to mind a precious element that exists in the ancient healing art, contemporary acceptance of which would stop the alienation between persons caused by overextended autonomy-oriented individualism and make the doctor-patient relationship meaningful again, namely, the art of humaneness.

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