

## Whare Tapa Wha: A Māori Model of a Unified Theory of Health

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*Māori, the indigenous people of New Zealand, have suffered social and economic deprivation as a result of colonisation. Māori suffer worse health than their Pākehā (non-Māori) cohort. Māori are using their traditional worldview to develop a model of health that can be used as a holistic or unified theory of health. The model, Whare Tapa Wha, can be used as clinical assessment tool. The model is part of Māori seeking to regain control over our health services. It has supported the development of a Māori health sector, which has led to gains in both health and community development.*

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**KEY WORDS:**

Ko Aoraki te mauka  
Ko Makaawhio te awa  
Ko Uruao te waka  
Ko Te Koeti te takata  
Ko Poutini te whenua  
Ko Kati Mahaki te hapū  
Ko Mamoe Kai Tahu te iwi  
Tēnā koutou katoa

(Greetings to you all, Aoraki is my mountain, Makaawhio is my river, the Uruao is my ancestral canoe, Poutini is my homeland and Te Koeti the ancestor who links me to these things. My tribe is Kati Mahaki of the Mamoe Kai Tahu people of the South Island of New Zealand.)

This is a greeting that places me as a Māori of the Mamoe Kai Tahu confederation of tribes of the South Island of New Zealand. More specifically, it links me to my ancestral home at the mouth of the Makaawhio

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river on the southwestern coast of that island. These links form my identity and give me knowledge of my place in the world and the responsibility to pass that knowledge on to my children. In my professional life, I am a lecturer in Māori health at the Wellington School of Medicine of the University of Otago.

The purpose of this paper is to describe culturally specific frameworks developed by Māori to respond to our health needs. The framework can operate at high level policy setting, as templates for designing prevention strategies, as a clinical assessment tool, or to set outcome indicators for assessing appropriate treatment for Māori.

This framework can be useful for understanding any kind of health issue and forms a unified approach to health services. While the universality of the frameworks is significant, it is essential for Māori that the cultural specific nature of the framework is emphasized.

For this reason, I will use Māori words to describe the framework with translations provided in brackets. A glossary will also be provided. The dialect I will use is of my own Iwi (tribal confederation or nation) the Mamoe Kai Tahu people of Te Wai Pounamu (South Island).

I will discuss theoretical models; I will then attempt to illustrate these with concrete examples that express the underlying principles.

## SOCIOHISTORICAL BACKGROUND OF MĀORI

Māori are the takāta whenua or indigenous people of New Zealand. We make up just under 15% of the population and are a young people with a median age of 21.6 years (Te Puni Kōkiri, 1999).

Like most indigenous peoples, Māori were colonized and suffered from loss of land that sustained traditional lifestyles. The loss of an economic base has resulted in Māori being forced to abandon those lifestyles, and we have been marginalized in our own homeland (Awatere, 1984; Bellich, 1986; Crosby, 1986).

Each iwi (and there are more than forty) has its own history of colonization, and as a result Māori live in diverse reality often alienated from both Māori and Pākehā worlds with loss of language and cultural institutions as well as economic loss.

This is reflected in Māori being over represented in almost every negative social statistic, such as prisons, poverty unemployment, poor housing, and low educational status (Te Puni Kōkiri, 1998, 2000).

This is particularly true for health. Pākehā can expect to live 8.1 years longer for males and 9 years longer for females than their Māori cohort does. Precise disparities are often hard to define, as ethnicity data in New Zealand are poor, the gap is greatest in chronic illnesses most associated with social deprivation, such as type 2 diabetes (as described in detail below) (Ministry of Health, 1999).

We (Māori) are more likely to suffer from cancers, heart disease, diabetes, infectious diseases, mental illness, drug dependence, suicides, and injuries both intentional and unintentional. Many of these illnesses manifest themselves earlier in Māori than their non-Māori cohort and the outcome is almost always more severe (Ministry of Health, 1999).

In addition, Māori will present to the health sector later in the course of their disease and with significantly more severe conditions. This suggests that improving the access to health services with a primary prevention focus will be important in improving Māori health status (Ministry of Health, 1998a; Pömare et al., 1995).

The response to these disparities is both in health and social indicators and a framework for managing these, needs to combine health and more general political perspective. I will begin with the politics of colonisation and describe traditional Māori society (Te Ao Māori) prior to the arrival of Pākehā.

## MĀORI SOCIETY

Traditional Māori society was organized around whānau (extended family), hapū (tribe), and iwi. These were descent groups, based around an ancestor. The iwi—the largest grouping—was usually based around the ancestor who established mana whenua (guardianship and ownership of land) of a large area. Each iwi contained several hapū that divided up territory between them (Te Rangi Hiroa, 1949).

Each hapū was made up of a number of whānau who would be positioned according to their relationship to the founding ancestors of the hapū and iwi. Their place would determine the access each whānau had to mahika kai (food gathering places). Whakapapa (genealogy) was an extremely important and complex body of knowledge. Because of this, each whānau, hapū and iwi had tohuka (experts) responsible for the preservation and passing on of this knowledge (Metge, 1995).

Whakapapa also linked the whānau, hapū, and iwi to creation. Tohuka would trace descent lines from the primeval founding parents, Rakinui (sky father) and Papatuanuku (earth mother), and from their various children who were gods and had responsibility for different aspects of the world. It is their descendants who are all things in the environment both animate and inanimate (Teone, 1939).

This emphasis on the common descent ensures that the relationships with both with both people and the environment are based on reciprocity and balance. The relationship is also a reflection of the belief that all things imbued with a physical aspect as well as a spiritual aspect, with all things possessing a *mauri*, or life force, reflecting its spiritual aspect (Marsden, 1989).

Marsden (1989) discusses how this life force is the unifying principle and suggests the problems in the physical world are also reflections of a disturbance in the spiritual world. Māori did not distinguish between the mental and physical aspects of health with individuals, communities, and the environment.

Māori based their social and cultural structures around concepts of interconnectedness and interdependence. This collective lifestyle resulted in an effective form of social organisation in which “a public health system evolved which was based on a set of values that reflected the close and intimate relationship between people and the natural environment” (Durie, 1994).

## COLONIZATION

The impact of the arrival of the Pākehā (mainly from Britain) and the subsequent colonization of New Zealand is a long and complex story that would take many books to tell. From the very first meeting, the contrast between the individualist, materialist culture of the explorers, traders, and missionaries, and the collectivist and spiritual culture of the Māori led to clashes that often resulted in warfare and death (Awatere, 1984).

The newcomers were instrumental in introducing muskets and diseases, both of which wreaked havoc through the first half of the nineteenth century and beyond (Crosby, 1986). Concern over this havoc and a need to achieve legal recognition for their trading ships led Māori *ra<sub>k</sub>atira* (chiefs) to make a Declaration of Independence in 1835, and then, in 1840, to sign the Treaty of Waitangi (Orange, 1987).

## TREATY OF WAITANGI

The Treaty of Waitangi was a Treaty between over 500 *ra<sub>k</sub>atira* representing Māori and the British Empire which was signed in 1840 and formed the foundation document of New Zealand. The Treaty contains three articles:

- In the first article, Māori were to recognize the *kawanata<sub>k</sub>a* (governance) of the Crown (Queen Victoria),
- In the second article, the Crown were to recognize the *ra<sub>k</sub>atirata<sub>k</sub>a* (chieftanship) over their own peoples and possessions,
- In the third article, Māori were to be treated in the same manner as British Citizens.

The Treaty was written in English and translated into Māori; however, the translation is significantly different, and this has resulted in a myriad of books and legal debates that will no doubt continue for years to come (Orange, 1987).

Despite these ambiguities, for Māori, the Treaty of Waitangi is the document that defines the relationship between *iwi* Māori and the Government. Only through the Treaty can the policy development reflect the rights and responsibilities of the Treaty partners and therefore hope to achieve conflation of both partners' interests (Durie, 1998).

The Treaty is a unique document that set out in 1840 the prospect of genuine recognition of two distinct peoples of different cultures living together in equality. It was, unfortunately, beyond the capacity of the British officials, who negotiated the document, to see outside their paradigm of British superiority.

Even today, 160 years later, we as a nation struggle with the idea that two cultures can be given equal respect, and many disputes around the world show the difficulty of achieving this dream. In my view, the Treaty of Waitangi should be a model of the basis of cultural tolerance from which we can all learn.

The failure of successive New Zealand Governments to honor the Treaty has been the dominant theme of Māori politics for 160 years. Its relevance to health is that it places a responsibility on the Government to recognize the rights of Māori to determine the shape and nature of their health services.

In 2000 the newly elected Labour Government of Helen Clark restructured the health sector and inserted a reference to the Treaty of Waitangi in the health legislation. That clause was watered down in response to objections that such a clause would privilege Māori in accessing services. Māori, like most indigenous peoples, have significantly less access to effective health services than their Pākehā cohort, despite a higher need. The reaction appears to be a result of an irrational fear of increasing Māori rights.

The negative reaction was well orchestrated and led by conservative politicians, senior public servants, and the media and suggests that there are still many obstacles in the path ahead to a honorable relationship between Māori and the Government.

## OTTAWA CHARTER

The Treaty of Waitangi does provide a model for cultural autonomy, and it is one that is consistent with the Ottawa Charter of the World Health Organization (WHO) and its model of health promotion and community development. The Ottawa Charter is based on the principle that the health of a community is dependent on the overall development of that community (World Health Organization, 1986).

In a subsequent declaration at Sundsvall in 1991, the World Health Organization (WHO) acknowledged “the unique spiritual and cultural relationship between indigenous peoples and the physical environment and believes that this relationship provides valuable lessons for the rest of the world. The right of indigenous peoples to preserve their cultural heritage is fundamental to their health development, according to the World Health Organization” (World Health Organization, 1991).

Māori models are consistent with these positions and can provide models for other indigenous peoples who are facing the same problems.

## Māori Perceptions of Health

Māori defined their own health needs at Hui (conference) Te Ara Ahu Whakamua (the path forward) held in Rotorua in March 1994 (Te Puni Kōkiri, 1994). Over one thousand Māori health, community, and tribal leaders met to assess the state of Māori health, to measure the progress, and to set a strategic direction for Māori health over the coming decade.

The hui was organized by Te Puni Kōkiri (the Ministry of Māori Development) and provided an opportunity for Māori health leaders to meet with mainstream health leaders (including Cabinet ministers). It came at a time when the Treaty had begun to achieve legal status and Māori communities had begun to exercise their *raḡatirataḡa* (autonomy).

The hui was mainly a series of presentations by key speakers but did include many workshops which enabled a wide variety of participants to formulate a remarkable consensus around the common view that Māori needed to control the future direction of health services to their communities.

The hui focused on some key questions:

- What constitutes a healthy Māori?  
*Participants considered that a healthy Māori had a strong sense of identity; self esteem, confidence and pride, control of his/her own destiny, leadership, intellectual, physical, spiritual, and whānau (extended family) awareness, personal responsibility, respect for others, knowledge of te reo (the Māori language) and tikaḡa (custom), economic security, and solid whānau support.*
- How should Māori health be measured?  
*It was accepted that Māori health could be measured best in terms of the number of Māori in positions of influence, the value of resources in Māori ownership, life expectancy, reduced crime rates, increased educational and business achievement, and te reo usage.*
- What policies should be put in place to achieve health for Māori?  
*Policies that should be put in place include those that are developed by Māori for Māori, are based on consultation and good information, raise the status of te reo and tikaḡa, ensure access on an equal basis, promote the unique qualities and talents of Māori, and encompass a range of social services such as broadcasting, education, justice, and welfare.*

Te Ara Ahu Whakamua was subtitled the Māori health decade hui, as it reflected on ten years of progress in which there had been a remarkable development in Māori health and other social services (Ministry of Health, 1998a). These were the result of two intersecting forces. One was a reflection of the growing political strength of Māori that included recognition of the Treaty in legislation, the beginning of the settlements of past grievances, and a resurgence in Māori language and culture (Fleras & Spoonley, 1999).

The second force was more negative as New Zealand had experienced a painful restructuring of the country towards a more market economy, which marginalised poorer communities, including Māori. The period from 1984 to the present saw a rapid increase in social and economic disparities between Māori and Pākehā and a failure of the state institutions to adequately respond to Māori need (Keefe, Ormsby, Reid, Robson, Cram, Purdie, Ngati Kahungunu Iwi Authority, 1999; Kiro, 1998; Ministerial Advisory Committee, 1988).

In health, Māori saw that failure of mainstream health services as a clear indication that health services for Māori needed to reflect Māori need and to take into account the Māori social position. Health for Māori needed to be more holistic, and the result was the development of health models that more completely reflected Māori reality than the western bio-medical paradigm.

## WHARE TAPA WHA

Whare Tapa Wha was developed from a hui of Māori health workers in 1982 as described by Dr. Mason Durie (1994). Māori believe that most health services follow a biomedical model based on a reductionist worldview, which does not recognize things that cannot be measured. As a result, the service is able only to respond to the physical (or tinana) needs of Māori.

Māori usually use a holistic model of health called Whare Tapa Wha (four cornerstones of health), the four realms being:

<b>taha tinana</b> (physical);	<b>taha hine<sup>k</sup>aro</b> (emotion);
<b>taha whānau</b> (social); and	<b>taha wairua</b> (spiritual)

Whare Tapa Wha can be seen as a unified theory of health, and in fact, in 1993 Robert Lafaille built a model of a unified theory of health that is almost identical to the Whare Tapa Wha. To Lafaille, the health views can be broken to four main paradigms, which are:

1. Biomedical—which equates with taha tinana;
2. Existential anthropological or psychosocial—which equates with taha hine<sup>k</sup>aro;
3. Culturological or socio-economic—which equates with taha whānau; and
4. Systemic or environmental seeing human health as part of the wider web of life, interconnected and interdependent—which equates with taha wairua.

Whare Tapa Wha is a model that enables one to tease out two major dichotomies in health: the tension between seeing health at an individual or population level (macro–micro) and the tension between mind and body (substance–form). This can be shown diagrammatically as in Fig. 2.

The substance/form dichotomy reflects the tension between a reductionist materialist worldview and one that recognizes that there are patterns and symmetries

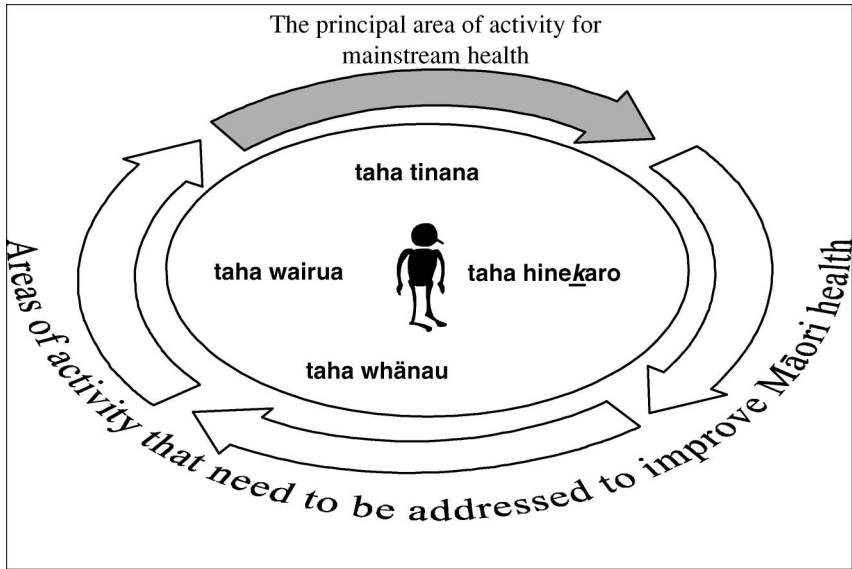


Fig. 1. Source: Ministry of Health (1998b).

that are emergent. At a macro level these patterns can be seen in the complex web of life (Cohen and Stewart, 1994; Capra, 1982, 1996). The symbiotic nature of life suggests some organizing principles, and this can be equated with the Māori view that the material world reflects an underlying spiritual world (Marsden, 1989).

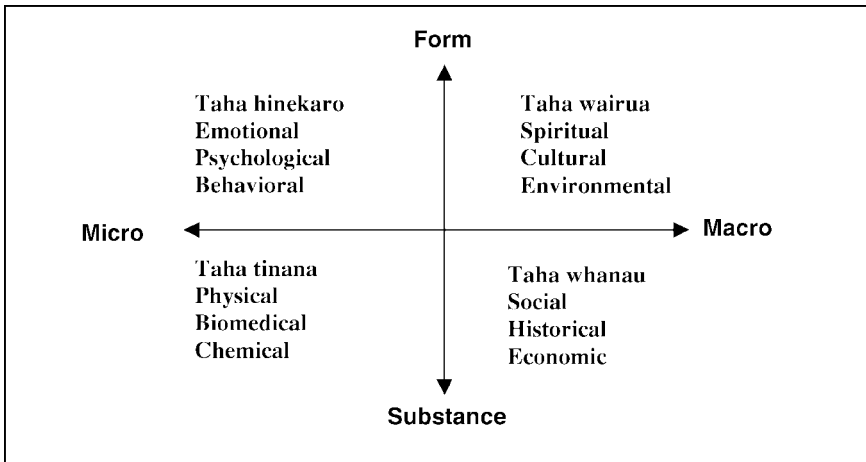


Fig. 2. Source: author.



Whare Tapa Wha is universal in its application but also reflects the unified view of the universe, which is fundamental to the Māori worldview. Its unique Māori character enables Māori to take greater ownership of the insights the model can bring and, therefore, in this ownership begin to reverse the impact of colonisation.

In addition to a unified theory of health (and therefore emphasizing its power as an analytical tool), Whare Tapa Wha can be used to design a response to a complex disease such as type 2 diabetes, as shown below.

## DIABETES

Type 2 diabetes (also known as adult onset diabetes or non-insulin dependent diabetes mellitus, NIDDM) is characterized by raised blood glucose (hyperglycemia) and is caused by a combination of resistance to insulin and a relative insulin deficit (Ministry of Health, 1997).

Type 2 diabetes has been characterized as an age related illness, where insulin resistance increases over a lifetime. In addition to the well-documented effects of a high fat diet and lack of exercise, there is evidence that long-term chronic stress can lead to insulin deficit. Stress produces cortisol that are known to suppress insulin and when stress becomes chronic this is thought to result in permanent damage (Ministry of Health, 1997).

Some researchers have begun to develop a theory that minorities who suffer from the premature manifestations of age-related illness may be suffering from accelerated aging caused by the stresses of being alienated from the mainstream. It is suggested that this accelerated aging is a reflection of the racism they face (Camara-Jones, 1999).

Māori carry a higher burden of type 2 diabetes; they are reported to suffer 4–5 times the prevalence, have 3 times higher hospitalization rates, 9 times the mortality rate (the difference between these rates reflects differences in access to health services), and they are diagnosed at a earlier age, with the median age of diabetes diagnosis for Māori being 43 compared with 55 years for their Pakeha cohort (Ministry of Health, 1997).

As a result of poor access to primary health, many Māori only become aware of their diabetes when microvascular complications start to manifest themselves. These include loss of sight, impotence, kidney disease and diabetic foot, which can lead to amputation (Ministry of Health, 1997). Treatment and support for these complications is the realm of *taha tinana* and is the principal response of the health sector to type 2 diabetes among Māori.

In addition to the physical response, diabetics need emotional support. To manage their condition, a diabetic needs to change their lifestyle, which is often the lifestyle of their whānau and others around them. This is in addition to managing the pressures of having a life-threatening condition. Managing these pressures is working in the realm of mental strength or *taha hinekaro*.

It is well accepted that effective management of type 2 diabetes, however, comes from prevention, rather than medical management. The risk factors are lifestyle and are to a certain extent heritable (either genetic or prenatal) (Ministry of Health, 1997). The whānau of those who have type 2 diabetes are therefore also at high risk for developing the disease. Healthy lifestyles of whānau would be a major contributor to type 2 diabetes prevention, and this is in the realm of *taha whānau*. Whānau well-being also requires some economic independence.

Diabetes clusters around ethnic minorities (particularly indigenous peoples) and poverty in developed nations (Ministry of Health, 1997). Economic development would reduce chronic stress in Māori and therefore reduce type 2 diabetes amongst Māori. This involves supporting Māori development. When Māori communities are well, then Māori are well.

Development needs to be tied to cultural development for two reasons. Firstly, in addition to poverty, Māori suffer from the stress associated with the loss of land, language, and socio-cultural structure. These losses compound the loss of economic capacity with the destruction of the cultural institutions that sustain them (Reid, 1999).

Māori are then educated to believe that they have benefited from the process of colonization. They are taught that Māori have not been the victims of invasion and theft but that their rights have been swept away by natural selection, by the tides of history. This view holds both Māori and their culture as being inferior and replaced by a better culture (Simon & Smith (Eds.), 2001).

These attitudes, while declining, are still held by significant sections of society, including in the power elite. These racist attitudes are often internalized by ethnic minorities (Camara-Jones, 2000). Cultural recovery by Māori is essential in promoting self esteem and healthy lifestyles, and these are thought to be essential in reducing type 2 diabetes.

In summary, Māori need to have a cultural identity that reflects our spiritual place in the world. To be well, Māori require knowledge of their culture, their identity, and their heritage. Only then can one understand their place in the world. Māori call this their *tika* (customs) and *whakapapa* (genealogy and history). This is the realm of *taha wairua*. Only by developing the spiritual, cultural, economic and psychological aspects can Māori achieve well-being (Durie, 2001).

This can be shown in Fig. 3 where the natural course of type 2 diabetes is described in the central column while the determinants and response is shown as appropriate to each of the domains of Whare Tapa Wha.

#### **DETERMINANTS NATURAL COURSE OF DISEASE, RESPONSE BY DOMAIN FOR TYPE 2 DIABETES MELLITUS FOR MĀORI**

The broader focus of Whare Tapa Wha ensures that the health sector considers the wider socioeconomic conditions that, to a large extent, are the cause of poor

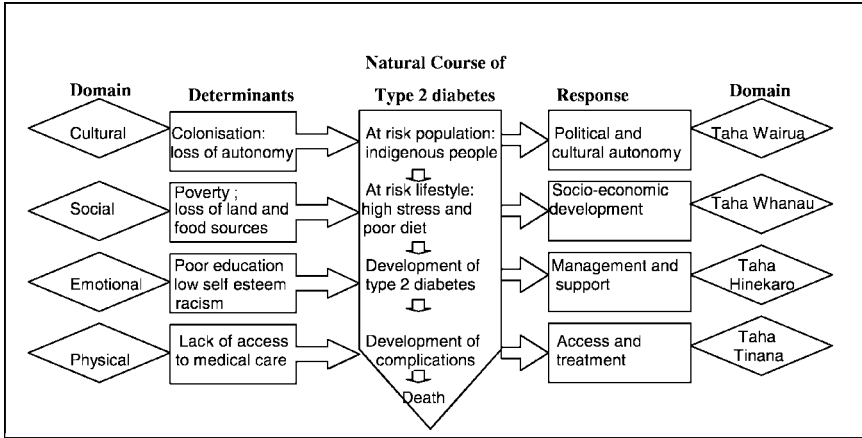


Fig. 3. Source: author.

Māori health status. In addition, these indicators would provide a clearer picture of the confidence of Māori, including the levels of self-esteem of individuals, whānau, hapū, and iwi.

### MENTAL HEALTH

Whare Tapa Wha can also be seen as a direct clinical tool. A pioneer Maori mental health provider, Te Whare Marie, was set up using Māori kaupapa (procedure and custom) after mainstream mental health services failed to provide adequate care to Māori (Te Puni Kokiri, 1996). Te Whare Marie developed the following clinical assessment tool based on Whare Tapa Wha (Dr. J. Baxter, personal communication, 2000).

If a mental health consumer presents to mainstream mental health providers, the clinician principal diagnostic and treatment algorithms will be based on the chemical balance (or lack of). Treatment will be drug based and hopefully will enable the consumer to stabilise their life (Dyall, 1997). This reflects the *taha tinana* of the consumer.

The consumer will have already developed coping strategies for their illness. These could include introversion, drug abuse, aggression, and crime. To go beyond simple management of mental illness would require therapy that replaces negative coping strategies with positive ones (Hirini, 1997). This is the realm of *taha hinekarō*.

The consumer’s illnesses will be entangled in their life history and will likely involve their family. Family members, through their actions or absence, may have directly contributed to the consumer’s illness. In addition to the impact of the

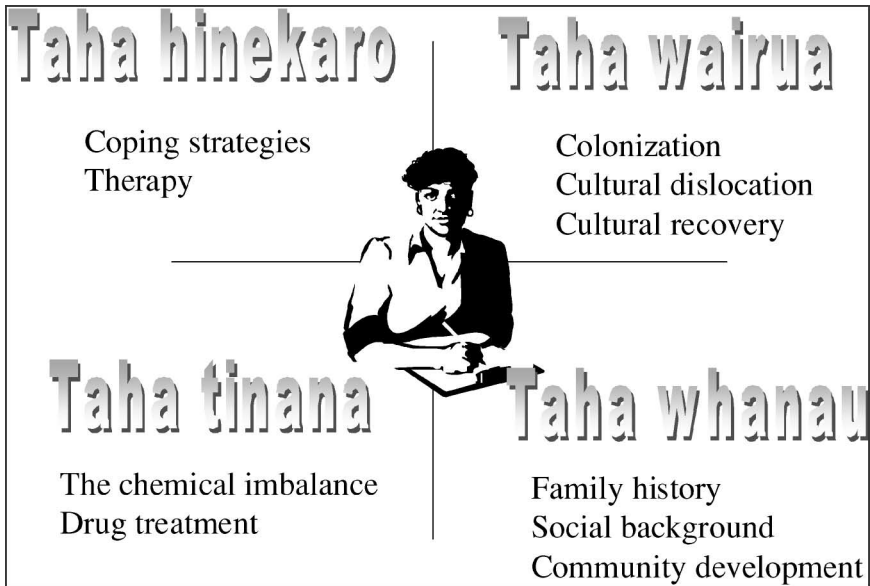


Fig. 4. Source: author.

family, any mental illness will certainly be shaped by the socioeconomic and cultural environment in which the consumer and their family were raised (Durie, 2001). This is the realm of *taha whānau*.

For Māori, as the indigenous people of New Zealand, the deconstruction and reconstruction of our culture place huge pressures on individual Māori. Confusion over identity, loss of land and other resources that have provided spiritual sustenance to our tipuna (ancestors), and the loss of self-esteem are all the result of colonization and are significant contributors to mental illness. Māori also suffer from poor diagnosis from cultural misunderstanding by Pākehā clinicians, resulting in inappropriate treatment (Durie, 2001). These are all aspects of *taha wairua*.

Māori are beginning to develop therapies that reflect these complex determinants of mental illness. One such model, Paiheretia (relational therapy) utilizes therapeutic tasks from the domains of Whare Tapa Wha as set by kaumatua (elders) to encourage mental health consumers to develop reciprocity in their relationships (Durie, 2001).

Whare Tapa Wha enables a diagnosis and treatment path that reflects the historical, social and psychological aspects of mental illness, as opposed to being confined to managing only the chemical imbalances, as is the case for so many Māori consumers.

### POLICY IMPLICATIONS

It is now well accepted that cultural and socioeconomic conditions are principal determinants of our health status. The health sector cannot be held accountable for the socioeconomic status of Māori, but it can be asked to report on how it responds to health needs created by poverty (National Health Committee, 1998).

The sector should be able to identify health needs and shifting resources to meet those needs. Specifically, this includes improving mainstream responsiveness to Māori and investing in the development of Māori health providers.

Investment in community-based Māori health services will also contribute to the development of Māori communities' economic base. An increase in training for Māori health and community workers will contribute to the growth of the social capital of Māori communities. This means the networks of social engagement, cooperation and reciprocity (Putnam, 1995).

Successful Māori health development links initiatives to improve Māori health with overall Māori development. This approach requires the health sector to coordinate their programmes with both Government and Māori initiatives in other sectors such as housing, employment and education. This is consistent with the holistic approach of the framework Whare Tapa Wha.

The centre of traditional Māori communities is the marae. It usually consists of a wharenui (large meetinghouse), marae atea (courtyard), and whare kai (dining hall), as food is not admitted in the wharenui (Te Rangi Hiroa, 1949). The marae remains the cultural centre of Māori communities and is increasingly used as a base for the resurgence in the iwi, hapu and whānau activities.

Below is a possible model of a comprehensive, marae based, community development program.

### INTERVENTIONS—MĀORI HEALTH DEVELOPMENT

A key to improving Māori health is reducing the lifestyle risks such as smoking, alcohol consumption, and poor nutrition that can be identified as causing major

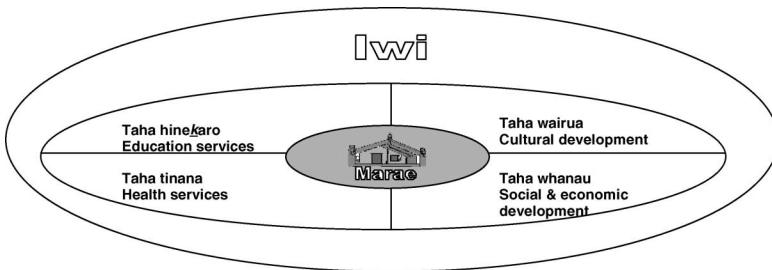


Fig. 5. A model of a comprehensive, marae based community development program.

health problems for Māori. This requires changing often long-established lifestyle patterns (Pomare, 1995).

To encourage these changes and respond to existing illnesses, it is essential that Māori access quality health services. There is evidence that many illnesses, disabilities and early deaths amongst Māori are preventable. They can be prevented by early identification of the problem, appropriate health promotion, and early access to primary healthcare service (Labonte, 1997; Ministry of Health, 1998a; Pomare, 1995).

There is good evidence that effective Māori providers have improved the access of health services to Māori. Experience has shown that local solutions are likely to solve local problems. Generally, Māori providers are in the best position to understand the communities they serve and to respond to their needs (Crengle, 1998; Ruakere, 1998; Te Puni Kōkiri, 1993, 1994, 1995).

An acceleration of Māori provider development contributes to Māori economic development and creates opportunities to improve the collective and individual self-esteem of Māori. This will lead to improved lifestyle management. In doing this, the development of effective Māori health providers responds to the principle cause (determinant) and risk factors of Māori ill-health and, therefore, is more likely to lead improved health outcomes.

In addition to accelerating Māori provider development, the health sector also needs to ensure mainstream providers take responsibility for Māori health. To do this, they must work in partnership with Māori to reduce barriers and improve the access Māori have to health services. Innovative Māori health services have been successful in responding to Māori health need (Rochford, 1997; Te Puni Kōkiri, 1994; Voyle & Simmonds, 1999).

## CONCLUSION

Māori have long called for health services that reflect Māori health needs. Now Māori are developing our own services and reflecting our worldview. In the past, health services have failed Māori. Now they are being delivered in a culturally safe manner, they are consistent with our cultural beliefs and they have succeeded when no one has before them.

## GLOSSARY

Māori—the indigenous people of New Zealand  
 Pākehā—non-Māori  
 Iwi—(tribal confederation)  
 Mamoe Kai Tahu—name of my own tribe  
 Te Wai Pounamu—South Island  
 Takata whenua—indigenous people

Te Ao Māori—traditional Māori society  
 Whānau—extended family  
 Hapū—tribe  
 Mana whenua—guardianship and ownership of land  
 Mahika kai—food gathering places  
 Whakapapa—genealogy  
 Tohuka—expert  
 Rakinui—sky father  
 Papatuanuku—earth mother  
 Mauri—life force  
 Marae—centre of traditional Māori community  
 Rakatira—chiefs  
 Kawanataka—governance  
 Rakatirataka—chieftanship, autonomy  
 Hui—conference  
 Te Ara Ahu Whakamua—the path forward  
 Te reo—Māori language  
 Tikaka—custom, correct way of behaving.  
 Kaupapa—procedure and custom  
 Tipuna—ancestors  
 Paiheretia—relational therapy  
 Kaumatua—elders  
 Whareniui—large meetinghouse  
 Marae atea—courtyard  
 Whare kai—dining hall

## REFERENCES

- Awatere, D. (1984). *Māori sovereignty*. Auckland, NZ: Broadsheet.  
 Bellich, J. (1986). *The New Zealand wars* Auckland, NZ: Auckland University Press.  
 Camara-Jones, P. (1999). *The impacts of racism on health*. Paper presented to Hui: Wananga on Racism and Maori Health at Te Ao Marama, Wellington Hospital.  
 Camara-Jones, P. (2000). Levels of racism: A theoretic framework and a gardener's tale. *American Journal of Public Health, 90*, 81212–81215.  
 Capra, F. (1982). *The turning point: Science, society and the rising culture*. New York: Simon and Schuster.  
 Capra, F. (1996). *The web of life: A new synthesis of mind and matter*. London: Harper Collins.  
 Cohen, J., & Stewart, I. (1994). *The collapse of chaos: Discovering simplicity in a complex world*. New York: Viking.  
 Crengle, S. (1998). Ma Papatuanuku, ka Tipu nga Rakau. *Proceedings of Te Oru Rangahau: Māori Research and Development Conference, July 7–9, 1998*, Massey University.  
 Crosby, A. (1986). *Ecological imperialism*. Cambridge, MA: Cambridge University Press.  
 Durie, M. (1994). *Whāiaora—Māori health development*. Auckland, NZ: Oxford University Press.  
 Durie, M. (1998). *Te Mana Te Kawanatanga: Policies of māori self-determination*. Auckland, NZ: Oxford University Press.  
 Durie, M. (2001). *Mauri ora: The dynamics of Māori health*. Auckland, NZ: Oxford University Press.

- Dyall, L. (1997). *Rangahau Hauora Hinengaro*. Paper presented to Hui: Oranga Hinengaro Māori; Māori Mental Health Summit.
- Fleras, A. and Spoonley, P. (1999). *Recalling Aotearoa: Indigenous Politics and Ethnic Relations in New Zealand*. Auckland, NZ: Oxford University Press.
- Hirini, P. (1997). Counseling Maori clients: he whakawhiti nga whakaaro i te tangata whaiora Maori. *New Zealand Journal of Psychology*, 26(2), 13–18.
- Keefe, V., Ormsby, C., Reid, P., Robson, B., Cram, F., Purdie, G., et al. (1998). *Mauri Mahi, Mauri Ora, Mauri Noho, Mauri Mate: Health Effects of Unemployment Portfolio*. Paper delivered to Te Oru Rangahau: Māori Research and Development Conference. Palmerston North: Massey University.
- Keefe, V., Ormsby, C., Reid, P., Robson, B., Cram, F., Purdie, G., et al. (1999). Kaupapa Māori meets retrospective cohort. *He Pukenga Korero*, 5(1), 12–17.
- Kiro, C. (1998). *Māori, the Welfare State and the Market Economy*. Paper delivered to Te Oru Rangahau: Māori Research and Development Conference. Palmerston North: Massey University.
- Labonte, R. (1997). *Power, Participation and Partnership for Health Promotion*. Carlton South NZ: Vic Health.
- Lafaille, R. (1993). Towards the Foundation of a New Science of Health: Possibilities, Challenges and Pitfalls. In Lafaille R., Fulder, S. (Eds). *Towards a New Science of Health*. London: Routledge.
- Marsden, M. (1989). *The Natural World and Natural Resources: Māori Value Systems and Perspectives*. Wellington NZ: Ministry for the Environment.
- Metge, J. (1995). *New Growth From Old - The Whānau in the Modern World*. Wellington NZ: Victoria University Press.
- Ministerial Advisory Committee. (1988). *Puao-Te-Ata-Tū*. Wellington NZ: Department of Social Welfare.
- Ministry of Health (1997). *Diabetes—Prevention and control: The public health issues*. Wellington, NZ: Author.
- Ministry of Health (1998a). *Whaia te Whanaunga: Oranga Whanau—The wellbeing of Māori Whanau*. Wellington, NZ: Author.
- Ministry of Health (1998b). *Action for health and independence: Māori input into the conference*. Wellington, NZ: Author.
- Ministry of Health. (1999). *Our health, our future: Hauora Pakari, Koiora—The health of New Zealanders*. Wellington, NZ: Author.
- National Health Committee. (1998). *Social, cultural and economic determinants of health in New Zealand: Action to improve health*. Wellington, NZ: National Advisory Committee on Health and Disability.
- Orange, C. (1987). *The treaty of Waitangi*. Wellington: Allen & Unwin.
- Personal communication with Dr. Joanne Baxter, a clinician working in Te Whare Marie.
- Pömare, E.W., Keefe-Ormsby, V., Ormsby, C., Pearce, N., Reid, P., Robson, B., et al. (1995). *Hauora: Māori standards of health III—A study of the years 1970–1984*. Wellington, NZ: Huia.
- Putnam, R. (1995). Bowling along: America's declining social capital. *Journal of Democracy*, 6(1), 65–78.
- Reid, R. (1999). Te pupuri i te ao o te tangata whenua. In Davis, P. & Dew, K. (Eds.), *Health and society in Aotearoa New Zealand*. Auckland, NZ: Oxford University Press.
- Rochford, T. (1997). Successful Māori public health initiatives in Aotearoa/New Zealand. *Promotion Education*, 4(3), 19–21.
- Ruakere, T. A. (1998). A comparative study of Māori use of an Iwi general practice and mainstream general practice. *Proceedings of Te Oru Rangahau: Māori Research and Development Conference*, July 7–9, 1998, Massey University.
- Salmond, A. (1991). *Two worlds*. Auckland, NZ: Viking.
- Simon, J., & Smith, L. T. (Eds.). (2001). *History of British attempts to turn Māori into brown Britons*. Auckland, NZ: Auckland University Press.
- Teone, T. (1939). *Tikao talks*. Auckland, NZ: Penguin.
- Te Puni Kōkiri (1993). *E Mua Kai Kai*. Wellington, NZ: Author.
- Te Puni Kōkiri (1994a). *Nga Mahi Kakama Matua Maori mo te Tiaki Hauora: Māori primary health care initiatives*. APPENDIX TWO. Wellington, NZ: Author.
- Te Puni Kōkiri (1994b). *Te Ara Ahu Whakamua—Proceedings of the Māori Health Decade Hui*. Wellington, NZ: Author.



- Te Puni Kōkiri (1995). *Mā te Māori e Puri te Maimoatanga Māori: Managed care for Māori*. Wellington, NZ: Author.
- Te Puni Kōkiri. (1996). *Nga Ia O Te Oranga Hinengaro Māori: Trends in Māori mental health, a discussion document*. Wellington, NZ: Author.
- Te Puni Kōkiri (1998). *Progress towards closing the social and economic gaps between Māori and Non-Māori*. Wellington, NZ: Author.
- Te Puni Kōkiri (1999). *Maori in the New Zealand economy*. Wellington, NZ: Author.
- Te Puni Kōkiri (2000). *Progress towards closing the social and economic gaps between Māori and Non-Māori* (2nd ed.). Wellington, NZ: Author.
- Te Rangi Hiroa (1949). *The coming of the Māori*. Wellington, NZ: Whitcombe and Tombs.
- Voyle, J., & Simmonds, D. (1999). Community development through partnership: Promoting health in an urban indigenous community in New Zealand. *Social Science in Medicine*, 49, 1035–1050.
- World Health Organization, Health and Welfare Canada, Canadian Public Health Association (1986). *Ottawa charter for health promotion*. Ottawa: Author.
- World Health Organization (1991). *Supportive environments for health; Action for public health. The Sundsvall conference on supportive environments. Third International Conference on Health Promotion*. Sundsvall, Author.