Improving Lives Around the World and Reducing Healthcare Costs

International Health Questionnaire 2016 - 2017
Fung Loy Kok Taoist Tai Chi®

We are an international charitable organization bringing together people of different languages and cultures through the practice of Taoist Tai Chi® arts.

I do not feel as 'stressed out'. I can converse more 'quietly' and with less emotions. Tai chi has given me a form of inner peace. I look forward to every class.

- male, age range 40-59
In 2016 - 2017 we administered a Health Questionnaire with more than 18,000 participants responding from 24 countries.

The information in this document represents all of the participating countries in a summary of findings from the survey results and selected comments from participants.

Responses Worldwide

- up to 200: Aruba, Belgium, Costa Rica, Denmark, Germany, Hungary, Ireland, Italy, Norway, Portugal, Sweden, Switzerland, Ukraine
- 201 to 1,000: Czech Republic, France, Netherlands, New Zealand, Poland, Slovakia, Spain
- 1,000+: Australia, Canada, Great Britain, United States

The health questionnaire was completed anonymously and voluntarily by participants regardless of their duration of practice.

The individual stories are powerful and pulled together they provide a more complete picture of how Taoist Tai Chi® arts contribute to our communities.

“We knew anecdotally from classes that such benefits exist, but this unprecedented survey drew many responses and is very heartening and important for policy makers to contemplate.”

– Marsha Eberhardt, president

Master Moy Lin Shin, a Taoist monk, dedicated his life to alleviating suffering by helping others cultivate themselves through the Taoist arts. In 1970, he immigrated to Canada where he immediately began teaching Taoist Tai Chi® arts.

Today, inspired by this vision, our Board of Directors along with many dedicated volunteers continue to make these arts available to our worldwide community in 25 countries.
International Summary Findings 2016 – 2017

The health questionnaire was designed to allow respondents to share as much of their experience of the practice of Taoist Tai Chi® arts as possible. Not all respondents answered all questions and many questions allowed for multiple responses.

Why did you start practising?

- Exercise: 68%
- Physical health issues: 42%
- Stress, anxiety, grief: 23%
- Social/community: 21%
- Other: 15%
- Spiritual reasons: 12%
- Recommended by a health professional: 8%

“Through tai chi I am very mobile for my age of over 90 years and still very independent for the daily life.” - age range 90+

“Choosing Taoist Tai Chi was one of the best decisions in my life. It changed my life for the better … Better contact with my own body, greater openness to people and self-confidence, and greater ability to be present in the moment.” - female, age range 20-39

“I am at peace with my health and my life and I became more tolerant of others … I want this feeling, health, sense of wellbeing and happiness for the rest of my life. Thanks for the gift!” - male, age range 60-69

“I was advised by my [doctor] to join a tai chi class. It is the best thing I have ever done, my only regret is that I didn’t join 30 years or more ago, while I could have felt the benefits in my younger years … Tai chi helps in every possible way.” - female, age range 70-79

“Choosing Taoist Tai Chi was one of the best decisions in my life. It changed my life for the better … Better contact with my own body, greater openness to people and self-confidence, and greater ability to be present in the moment.” - female, age range 20-39

Through tai chi I am very mobile for my age of over 90 years and still very independent for the daily life.” - age range 90+

“I am at peace with my health and my life and I became more tolerant of others … I want this feeling, health, sense of wellbeing and happiness for the rest of my life. Thanks for the gift!” - male, age range 60-69

This is the best decision of my life that I joined tai chi. I enjoy the health benefits as well as social, and emotional. I have more pain-free days and am able to keep up with active grandchildren. Thank you. - female, age range 70-79

“Through tai chi I am very mobile for my age of over 90 years and still very independent for the daily life.” - age range 90+

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This is the best decision of my life that I joined tai chi. I enjoy the health benefits as well as social, and emotional. I have more pain-free days and am able to keep up with active grandchildren. Thank you. - female, age range 70-79
How long have you been practising?

- 0 - 4 months: 18%
- 5 months - 3 years: 29%
- 4 - 9 years: 36%
- 10 - 19 years: 29%
- 20+ years: 11%

How soon after you started your practice did you experience any improvement in your health?

- Less than 4 months: 34%
- 5 months - 1 year: 46%
- 2 - 5 years: 18%
- 6 - 10 years: 2%
- 10+ years: 0%

“I feel that the impact of tai chi on my health has been cumulative. Within the first classes I could feel looser, slightly more energised and oiled in the joints. After six years I feel the depth of improvement to my physical and mental health is significantly more improved when I do my tai chi. I feel much less anxious after having done some tai chi.”
- female, age range 40-59

“I started tai chi using crutches to walk. After the beginners class I was significantly better and after two years no longer needed to use a wheelchair at all. Soon after I stopped using my crutches.”
- female, age range 60-69

“Practising tai chi for so many years has enabled me to get through my life when it was filled with stress and anxiety.”
- female, age range 70-79

“In the 20 years I have watched many people just come to life with the friendship and sense of community (belonging) over and above the physical benefits of the practice. This is, in and of itself, satisfying to my ‘soul’.”
- female, age range 70-79

“Frozen shoulder. One year regained full mobility after intensive practice, i.e. eight hours per week.”
- female, age range 40-59

“After six months of practice I started to feel big changes. Muscles inflammation reduced, less pain, better sleep quality. Little by little I stop taking certain pills, because I noted that I no longer needed them. My mood has changed a lot and also my interpersonal relationships have changed.”
- female, age range 60-69

“I was using a walker when I was introduced to tai chi – three weeks later I was standing and taking part in all movements.”
- female, age range 80-89
Would you say that your practice has had a positive impact on any of the following?

<table>
<thead>
<tr>
<th>Include responses greater than 10%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>50%</strong> Posture</td>
</tr>
<tr>
<td><strong>48%</strong> Aging</td>
</tr>
<tr>
<td><strong>48%</strong> Co-ordination</td>
</tr>
<tr>
<td><strong>42%</strong> Energy/stamina/endurance</td>
</tr>
<tr>
<td><strong>40%</strong> Emotional/spiritual wellbeing</td>
</tr>
<tr>
<td><strong>30%</strong> Depression/stress/anxiety</td>
</tr>
<tr>
<td><strong>30%</strong> Circulation</td>
</tr>
<tr>
<td><strong>29%</strong> Muscular issues</td>
</tr>
<tr>
<td><strong>20%</strong> Sleep quality</td>
</tr>
<tr>
<td><strong>19%</strong> Accident-related injuries</td>
</tr>
<tr>
<td><strong>18%</strong> Blood pressure</td>
</tr>
<tr>
<td><strong>18%</strong> Body image/body acceptance</td>
</tr>
<tr>
<td><strong>18%</strong> Cognitive function</td>
</tr>
<tr>
<td><strong>12%</strong> Relationships</td>
</tr>
</tbody>
</table>

Has your health been impacted by any of the following conditions?

<table>
<thead>
<tr>
<th>Condition</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accident-related injuries</td>
<td>3,429</td>
</tr>
<tr>
<td>Arthritis</td>
<td>6,007</td>
</tr>
<tr>
<td>Asthma/lung disorder</td>
<td>1,500</td>
</tr>
<tr>
<td>Back/spine issues</td>
<td>7,383</td>
</tr>
<tr>
<td>Balance issues</td>
<td>5,508</td>
</tr>
<tr>
<td>Brain injury/concussion</td>
<td>434</td>
</tr>
<tr>
<td>Cancer</td>
<td>1,284</td>
</tr>
<tr>
<td>Chronic pain</td>
<td>2,298</td>
</tr>
<tr>
<td>Depression/stress/anxiety</td>
<td>4,474</td>
</tr>
<tr>
<td>Diabetes</td>
<td>939</td>
</tr>
<tr>
<td>Epilepsy</td>
<td>93</td>
</tr>
<tr>
<td>Fibromyalgia/chronic fatigue</td>
<td>855</td>
</tr>
<tr>
<td>Foot issues/plantar fasciitis</td>
<td>2,699</td>
</tr>
<tr>
<td>Gastrointestinal disorders</td>
<td>1,944</td>
</tr>
<tr>
<td>Headaches/migraines</td>
<td>1,604</td>
</tr>
<tr>
<td>Heart problems</td>
<td>1,319</td>
</tr>
<tr>
<td>High blood pressure</td>
<td>3,793</td>
</tr>
<tr>
<td>Joint problems/TMJ</td>
<td>4,318</td>
</tr>
<tr>
<td>Mobility issues</td>
<td>1,763</td>
</tr>
<tr>
<td>Multiple Sclerosis</td>
<td>184</td>
</tr>
<tr>
<td>Osteoporosis</td>
<td>2,123</td>
</tr>
<tr>
<td>Parkinson's disease</td>
<td>223</td>
</tr>
<tr>
<td>Sleep disorders</td>
<td>1,861</td>
</tr>
<tr>
<td>Stroke/blood clots</td>
<td>397</td>
</tr>
<tr>
<td>Varicose veins</td>
<td>1,228</td>
</tr>
<tr>
<td>Prefer not to say</td>
<td>72</td>
</tr>
<tr>
<td>None of the above</td>
<td>1,388</td>
</tr>
<tr>
<td>Other</td>
<td>902</td>
</tr>
</tbody>
</table>
Has your condition required that you access therapeutic services such as physiotherapy and rehabilitation?

- **YES** 52% (8,430 responses)
- **NO** 48% (7,777 responses)

**How did your practice impact your use of those services?**

- **Used for ongoing support** 46%
- **Improved symptom experience** 24%
- **Faster progress than expected** 22%
- **Better response to therapy** 17%
- **Fewer visits than expected** 16%
- **Other** 12%
- **Didn’t require** 11%
- **No answer** 7%

“**My physiotherapist encourages me to practice tai chi to maintain my back.**”
  - male, age range 40-59

“I stopped doing psychotherapy and I think that practice has given me confidence, has calmed me, so that I can stop therapy.”
  - female, age range 60-69

“My neurologist is a firm believer in tai chi to help with Parkinson’s.”
  - female, age range 60-69

Do you experience pain as part of your health condition(s)?

- **YES** 60% (9,849 responses)
- **NO** 40% (6,567 responses)

**As a result of your practice, how has the pain changed?**

- **Reduced frequency of painful episodes** 39%
- **Reduction in intensity of pain** 39%
- **Improved pain tolerance** 24%
- **Fewer doctor consultations re: pain management** 10%
- **No longer experience pain** 10%
- **Better response to prescribed therapies** 7%

“The best part is that my pain from the rheumatism is much less than before, more energy in the day, big effect in my daily life – also in my work.”
  - age range 60-69

“Helped with lower back pain from gardening, made weeding easier.”
  - male, age range 60-69

“Better response to prescribed therapies”
  - 7%
“Increased sense of peace. Able to calm self with practice. Much better balance in all activities.”
- female, age range 40-59

“Tai chi is a fountain of youth ... feel younger and look younger. Same wrinkles but moving well makes so much difference. It is great to be in 60s and be able to move so freely.”
- female, age range 40-59

“I started practising in a state of chronic exhaustion, the improvement was quick and impressive. A great overall wellness, enhanced agility.”
- female, age range 40-59

“It has helped me to no end. I no longer feel as if I'm at the mercy of the universe, that I can take more control of my own situation. It makes a huge difference.”
- female, age range 60-69

“My body feels softer, more relaxed and I enjoy movement more. My mind and attitude to life have also changed and I feel more relaxed about a lot of things. I feel privileged to have found this way of life.”
- female, age range 60-69

“The practice has given me greater inspiration for volunteering and helping others which changes my outlook on interacting with others.”
- male, age range 40-59

“An amazing art that has given me so much health in mind, body and spirit, so happy and blessed to be a member of this Taoist Tai Chi.”
- female, age range 40-59

“I realized my own ability to self-care.”
- female, age range 40-59

“The exercise definitely supports memory. It is important to do it regularly, if it is possible twice a day. I cannot imagine my life without it.”
- female, age range 60-69

“Taoist Tai Chi provides an oasis of calm and serenity that keeps me sane in work and home. The flexibility and strength it has given me, mentally and physically, means I now know I can cope with whatever life throws at me.”
- female, age range 40-59

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- female, age range 40-59
As a result of your practice, have you avoided surgery? (hips, knees, carpal tunnel...)

My surgeon told me I would need a knee replacement in ten years. That was 30 years ago. I have never had one and my knees have improved.

- female, age range 60-69

Ligaments in both knees were heading towards surgical repair. This has not been needed since starting tai chi.

- female, age range 70-79

Hip replacement suggested 20 years ago no longer considered. Carpel tunnel surgery cancelled.

- female, age range 70-79

Surgery to remove three herniated discs. With tai chi practice the surgery was cancelled.

- male, age range 60-69

Knee surgery due to rupture of meniscus. I did not have to go through that because thanks to tai chi I learned to have a better posture and that provided almost total relief.

- female, age range 60-69

Is medication normally required for your health condition(s)?

As a result of your practice, how has your use of medication changed?

Response | Condition
--- | ---
22% | Reduced levels of medication
11% | Fewer doctor consultations re: medication
8% | Better response than expected
7% | Side effects of medication better managed
6% | Medication no longer required
29% | Other
30% | No answer

“No high blood pressure any more, no medication anymore.”

- female, age range 40-59

“Before practising Taoist Tai Chi I received four shots of cortisone in my spine for herniated disc treatment. Since I started practising the pain episodes have diminished to the point that I no longer require any treatment.”

- female, age range 60-69

“Significantly reduced medication for chronic asthma.”

- female, age range 80-89

“When I first started tai chi 2005 ... I was in constant pain for over 10 years. I could shuffle along and had to wear morphine patches. Gradually I was able to take part in continuing classes and a workshop or two and weaned myself off the morphine. Thanks to tai chi I can walk without pain and lead a most enjoyable life ... ”

- female, age range 70-79

**YES** 54%

8,978 responses

**YES** 21%

1,669 responses

22%

11%

8%

7%

6%

29%

30%
Has your practice improved your balance?

**YES** 14,092 responses 94%

**NO** 863 responses 6%

- Improved co-ordination 54%
- Improved joint mobility 53%
- Improved foot stability 48%
- Increased security walking in differing conditions 32%
- Reduced number of falls 9%
- Reduced injury/impact of falls 7%
- Better response to therapies 3%
- Reduced reliance on mobility aids 3%
- Fewer doctor consultations 3%

"Have a lot more balance and energy. Which is very important in MS."
- female, age range 40-59

"I move differently. My weight is more evenly distributed in my feet. I turn using my whole body. When I trip or slip, I recover before I fall. My joints are stronger."
- female, age range 60-69

"I always fell a lot. Now I’ve found a lot more balance through tai chi."
- female, age range 70-79

Has your practice improved your mobility?

**YES** 10,233 responses 83%

**NO** 2,111 responses 17%

- Improved joint mobility 61%
- Improved co-ordination 53%
- Improved foot stability 45%
- Increased security walking in differing conditions 36%
- Reduced number of falls 10%
- Reduced injury/impact of falls 7%
- Fewer doctor consultations 5%
- Reduced reliance on mobility aids 4%
- Better response to therapies 4%

"I have experienced difficulty walking and standing after prolonged periods of having to sit for long times. Tai chi helped me to become mobile again."
- female, age range 70-79

"When I started, I could not stand for more than about 30 seconds without my walker. Now, on most days, I can get around without any mobility aids! I credit tai chi with giving me my life back and I will continue to do tai chi for life!"
- female, age range 20-39

"Repetitive strain injury – surgery not required because tai chi has helped both pain and mobility."
- female, age range 40-59
Has your practice affected your bone density?

- Increase in bone density: 38%
- No change in height: 26%
- No change in bone density: 23%
- Increase in height: 19%
- No new fractures: 13%

Has your practice affected your mental health?

- Improved mood: 60%
- Increased energy: 47%
- Improved concentration: 41%
- Improved emotional strength: 40%
- Decreased anxiety: 36%
- Improved sleep quality: 29%
- Fewer doctor consultations: 6%
- Better response to prescribed therapies: 4%

"Increased bone density from 25 to 27."
- female, age range 60-69

"Osteoporosis – what I lost I gained back and the bone density is increasing."
- female, age range 60-69

"My bones were described as 'brittle' after chemo and radiation; now normal for a woman of my age."
- female, age range 60-69

"My physician is pleased that I am participating in tai chi as a preventative/proactive approach to my health – stability, co-ordination, weight-bearing (re: my osteoporosis)."
- female, age range 60-69

"With a busy job, I have found more balance and peace since I have been doing tai chi."
- male, age range 40-59

"Taoist Tai Chi has helped me walk without pain ... but to me the most dramatic result of doing Taoist Tai Chi is that I am no longer depressed and anxious. Conditions that hampered my life a lot for a long time. I have not needed therapy or medication for years."
- female, age range 70-79

"Practice has helped reduce and relieve stress, anxiety and provided relaxation."
- male, age range 20-39
Has your practice impacted your social situation?

- **YES** 78%
- **NO** 22%

<table>
<thead>
<tr>
<th>Impact</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>New friends</td>
<td>76%</td>
</tr>
<tr>
<td>Sense of community</td>
<td>59%</td>
</tr>
<tr>
<td>Provided me with a sense of purpose</td>
<td>29%</td>
</tr>
<tr>
<td>Less isolated</td>
<td>21%</td>
</tr>
<tr>
<td>Shared more meals with people</td>
<td>11%</td>
</tr>
</tbody>
</table>

My relationship with others, my family relationships, my self-control have improved enormously. I increased my confidence and learned to handle administrative aspects that put me off.”  
- male, age range 20-39

Greater sense of community. Satisfaction in helping others. I handle better the anxiety.”  
- female, age range 40-59

Instilled a sense of new hope in my life, I had previously lived a very small and lonely life suffering in isolation with my multiple disabilities.”  
- female, age range 40-59

I feel less lonely, I have found new friends and I have received health benefits both in my body and my mind.  
- male, age range 80-89

Are you a caregiver for a loved one?

- **YES** 11%
- **NO** 89%

<table>
<thead>
<tr>
<th>Impact</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved emotional strength</td>
<td>55%</td>
</tr>
<tr>
<td>Improved emotional strength for</td>
<td>55%</td>
</tr>
<tr>
<td>caregiving stress</td>
<td></td>
</tr>
<tr>
<td>Increased strength and energy</td>
<td>40%</td>
</tr>
<tr>
<td>for caregiving</td>
<td></td>
</tr>
<tr>
<td>Increased awareness of how to</td>
<td>31%</td>
</tr>
<tr>
<td>use my body to prevent injury</td>
<td></td>
</tr>
<tr>
<td>Require fewer hours of professional</td>
<td>3%</td>
</tr>
<tr>
<td>home care</td>
<td></td>
</tr>
<tr>
<td>Fewer doctor consultations</td>
<td>2%</td>
</tr>
<tr>
<td>Less time off work</td>
<td>1%</td>
</tr>
</tbody>
</table>

How has your practice impacted your care situation?

More patient with person who I help. More insight into others.”  
- female, age range 60-69

Being a carer I am more relaxed to be caring. Noticeable extra flexibility in hips and lower back.”  
- male, age range 40-59

As a caregiver, it is important to me to improve my own health, to improve balance, strength to be able to keep on as a caregiver.”  
- female, age range 70-79

I feel less lonely, I have found new friends and I have received health benefits both in my body and my mind.  
- male, age range 80-89
Questions related to Home Care:

<table>
<thead>
<tr>
<th>Yes Responses</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you require professional home care?</td>
<td>245</td>
</tr>
<tr>
<td>Do you require a family member/friend to provide you with care?</td>
<td>388</td>
</tr>
<tr>
<td>As a result of your practice, have you experienced any changes in your home care needs?</td>
<td>380</td>
</tr>
</tbody>
</table>

“Before practising tai chi I needed a lot of help, now I don’t need help, I’m self-sufficient.”
- female, age range 70-79

“My wife stated that tai chi has transformed my personality. I have become calmer and I do not get as uptight as I used to. Since her dealings with personal health issues, particularly a rare form of cancer, I believe that tai chi and the tai chi family has given me respite from the many curves this journey has taken us. We both have become stronger in our care for each other and tai chi is definite catalyst. Thank you.”
- male, age range 60-69

“I am able to do tasks at home more easily.”
- female, age range 70-79

About the volunteer reporting team

The results collected were analyzed and then reported by a team of volunteers, whose experience includes professional backgrounds dealing with chronic disease, health care services, anatomy and physiology, spiritual care, quantitative and qualitative research, arranging government funding, and communications.

The team members include: Heather Boyes, BAA; Jan Clarke, Associate Professor Emerita (Algoma University); Barb Lamarre, RN; Ruth Martin, MA; Clare Matthews, BES; Susan Schuler, PhD.

All team members have been practicing Taoist Tai Chi arts for many years. Notably, all of these volunteers also offered personal testimonials on the health benefits of tai chi.
47 years of experience ...
because it works

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