

## INTERNATIONAL STUDIES

### Study Summary I

Lamsun Koh, M.D. a gynecologist with an additional specialty in anti-aging medicine in Singapore conducted an independent clinical study testing the effects of the Ion Magnum on muscle conditioning with 6 female subjects with obesity and infertility who received four Ion Magnum Sessions. Subjects' age varied from 32- 38 years of age. Results of his study are given to the table below. All values are averages by adding all measurements taken by all 6 subjects and by finding the mean value for each measurement. None of Dr Koh's subjects had a history of or suffered from any known medical condition during the time of the study other than their infertility and obesity. None of the subjects had a cardiac pacemaker, implanted defibrillator or other implanted metallic or electronic devices. None of the subjects had injured or otherwise impaired muscles. The hypothesis while the study was conducted was that treatments would result in muscle conditioning in the absence of any side effects or any adverse reactions. The Results of the study supported the Ion Genius Inc hypothesis that the Ion Magnum treatments results in muscle conditioning. Results are given in the table below:

### Mean Values for 8 female subjects with obesity and infertility

Date	Weight	Body Fat %	TBW %	Muscle Mass %	BMR	Metabolic Age	Bone Density	Visceral Fat %
25/11/08	86.1 Kg	46.1	39.5	43.9	1501	61 .9	2.9	11 <sup>1</sup>
29/11/08	86 Kg	41.3	42.9	47.2	1585	60	3.2	10
01/12/08	85 Kg 5	39.1 42	42.4	51.6	1622	59	3.3	10



(Please note that the date in Singapore placed first the day, then the month and then the year, unlike the date in the USA which places first the month, then the day and then the year)

#### Conclusion:

Dr Koh's study showed that there is significant muscle conditioning even after 4 Ion Magnum treatments.

### **Study Summary II**

Jopy Wikana, M.D. a dermatologist with an added specialty in anti-aging medicine conducted a similar independent clinical study in the Miracle Clinics, Bali Indonesia. Dr Wikana measured muscle conditioning and he also took before and after pictures to document the results before and after 14 Ion Magnum treatments. Dr Wikana had 7 obese female subjects between 36-54 years of age who underwent 14 Ion Magnum treatments approximately every two to three days over a period of four weeks. None of the subjects suffered from any medical condition. None of the subjects reported any adverse reactions, short term or long term side effects during or after the 14 Ion Magnum treatments. None of the patients had a history of any major physical or psychiatric disorder other than their obesity condition. None of the patients suffered from a major clinical or psychiatric disorder at the time of the Ion Magnum treatments other than their obesity condition. None of the subjects had a cardiac pacemaker, implanted defibrillator or other implanted metallic or electronic devices. None of the subjects had injured or otherwise impaired muscles.

Mean values of Dr Wikana's study are given below:

Date	Body Fat %	TBW %	Muscle Mass %
8/8/10	49.7%	37.1 %	39.4%
10/8/10	42.3%	39.2 %	45%
12/8/10	40.1%	36.1%	47.3%
15/8/10	40 %	37.4%	48.6%
17/8/10	35.7%	36.8%	52.1%
20/8/10	33.2%	38%	56.7%
22/8/10	32.1%	38.2%	55.9%
24/8/10	28.9%	37.9%	57.9%
26/8/10	28%	38.5 %	58.9%
28/8/10	27.2%	37.4%	61.4%
1/9/10	27%	37.6%	63.3%
3/9/10	25.8%	37.3 %	63.2%

Before and After pictures of the clinical study conducted by Dr Jopy Wikana are seen below from the subject we got permission.



**Conclusion:**

This study supported the results of previous studies that the Ion Magnum treatments result in increased fat burning and body shaping