

To all members of the press, June 3, 2022

**Verification experiment Phase 1 report by Phiten and Y's\*.**  
 \*(Operating the largest self-funded rehabilitation center, "Nokosoku rehab center")

## Potential application of Phiten Titanium Tape for rehabilitation of hemiplegia after stroke.

Phiten Co., Ltd. (Headquarters: Kyoto, Japan; President: Yoshihiro Hirata; hereinafter referred to as "Phiten") and Y's, Inc. (Chairman and CEO: Yasuhiro Hayami; hereinafter referred to as "Y's"), one of M3 group operating the medical information website "m3.com" and other websites, and also operates a self-funded rehabilitation facility "Nokosoku rehab center", have completed the verification experiment Phase 1, "Experiment to verify the effectiveness of Phiten Titanium Tape in functional recovery," which was being conducted as the first phase of their research partnership. Phiten Titanium Tape were applied to 40 people with hemiplegia due to the aftereffects of a stroke during their rehabilitation, and the survey was conducted on before and after-change in muscle tone on an affected side and on the actual feeling of using the tape. As a result, the therapist in charge of rehabilitation observed changes in muscle tone in 92.5% of the patients, and 83.8% of them were accompanied by awareness. And, more than half of the patients and therapists respectively reported "feel lighter, relax one's strength, and easier movement" and "decreased muscle tone in the tape attached muscle, improved joint mobility, and increased efficiency in specific movements".

**[Summary of verification experiment] Measurement of the effect of using Phiten titanium tape during rehabilitation treatment for patients at "Nokosoku rehab center"**

■ **Purpose:** To improve muscle tone in central nervous system paralysis by using Phiten tape for patients with sequelae of cerebrovascular disease.

⇨As a physical challenge for stroke survivors in the maintenance and chronic phases (living phases), to verify the effect on Movement disorders (spasticity) = [the condition in which the muscles are too tense and the limbs are difficult to move or move unconsciously, the fingers remain clenched and difficult to open, the elbows are bent, the toes are bent toward the backs of the legs, etc.]

■ **Method:** During rehabilitation, Phiten tapes were applied to the areas where patients were aware of increased muscle tone, and movement was checked and compared before and after use.

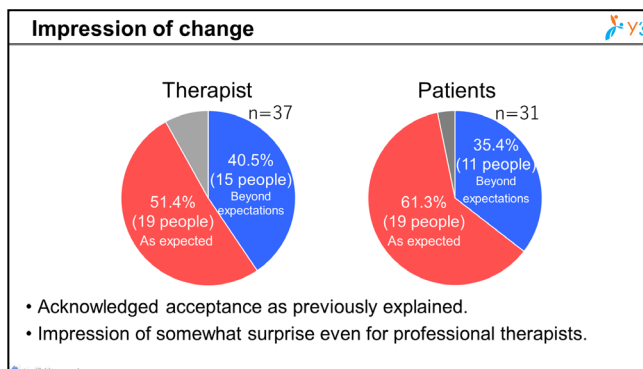
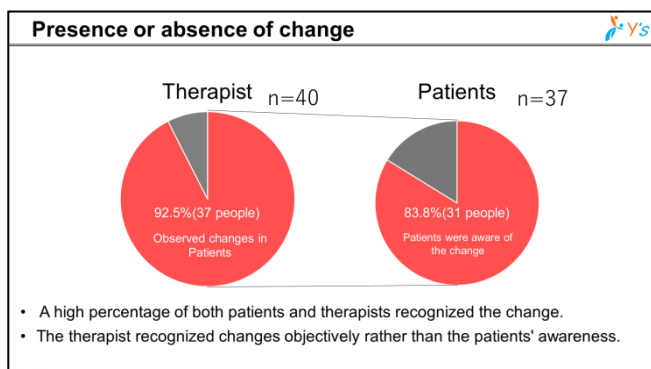
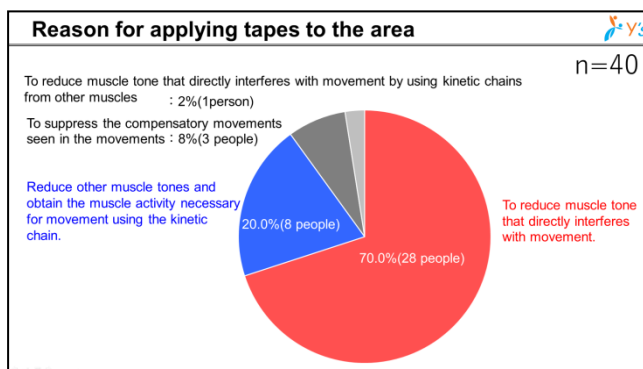
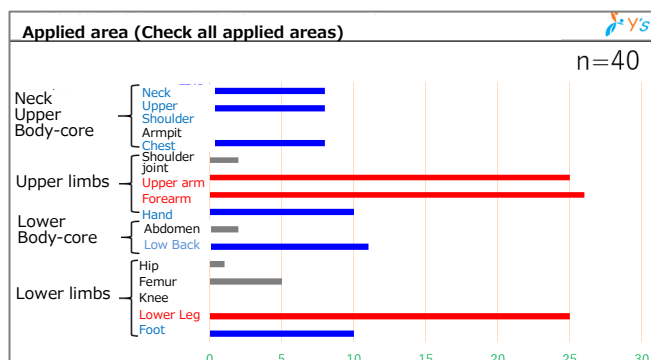
<Implementation Center> Nokosoku rehab center

(Asagaya / Yokohama / Nagoya / Osaka / Kobe)

<Subjects> A fill-in survey was conducted on patients of each center (40 people with hemiplegia due to aftereffects of stroke) and 7 physical and occupational therapists in charge of rehabilitation.

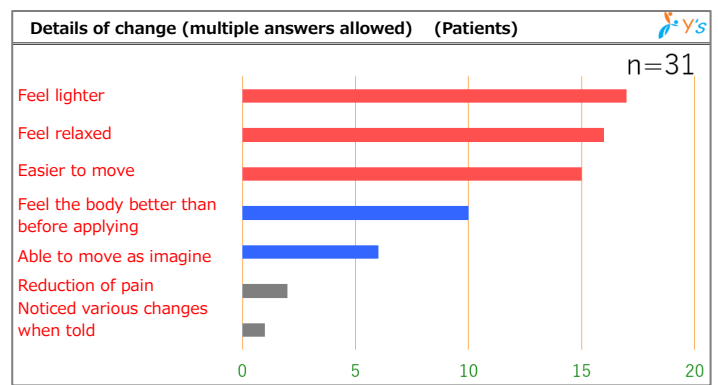
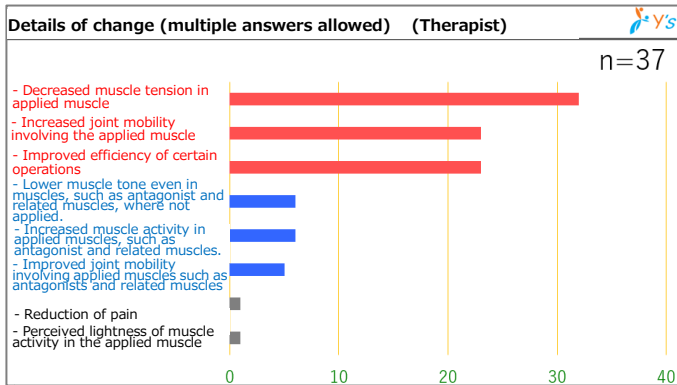
<Implementation period> April 18, 2022 - May 16, 2022

<Result (excerpt)>



- Acknowledged acceptance as previously explained.
- Impression of somewhat surprise even for professional therapists.

# Press Release



## Summary:

- More than half of the respondents admitted the description of easier movement after the application of tapes.  
Therapist: Decreased muscle tone, improved joint mobility, and improved efficiency of certain movements, in muscles where tapes are applied.  
Patients: Feel lighter, relax one's strength, easier to move
- The functional evaluation indicated that simply applying tapes suppressed muscle tone on the side affected by hemiplegia due to stroke, and the patients themselves were aware of this, which was also observed from a non-specialist perspective.

## <Company profile>

Company name:	Phiten Co., Ltd. (URL: <a href="https://www.phiten.com/">https://www.phiten.com/</a> )
Location:	678, Tearaimizu-cho, Karasuma-dori Nishikikoji-kado, Nakagyo-ku, Kyoto-shi, Kyoto
Established:	October 4, 1983
Representative name:	President, Yoshihiro Hirata
Business description:	Manufacture and sale of cosmetics, quasi-drugs and medical equipment, Manufacture and sale of sports-related products, health foods and body care goods, etc., Real estate Business
company name:	Y's, Inc. (URL: <a href="https://ys-j.co.jp/">https://ys-j.co.jp/</a> )
Location:	1st floor, HF Tameike Building, 2-12-10 Akasaka, Minato-ku, Tokyo
Established:	February 4, 2014
Representative Name:	Chairman and CEO, Yasuhiro Hayami
Business content:	Rehabilitation business - Operation of " Nokosoku rehab center ", a rehabilitation facility specializing in cerebrovascular diseases B to B Business - Rehabilitation Product Development Consulting, Rehabilitation Facility Consulting, Digital Content Services, Rehabilitation Training Services

## [Contact for inquiries regarding this matter]

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