

Company Introduction

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CEO Greeting



Dongsu Kim
CEO

Hello!

I am Kim Dongsu, the CEO of this company. With extensive experience in sales, I have been walking a successful journey with my team. Communication is always one of my top priorities. I believe that through communication with team members, we can share thoughts and ideas, and based on that, move towards a better direction.

One of the values I consider important is the ability to think from the customer's perspective. The essence of what we do ultimately relies on customer satisfaction and trust. I value every person I meet, aiming to cherish those relationships and maintain them over the long term. Recognizing the value of colleagues who prioritize each other, even in challenging times, defines my leadership style.

We always believe in looking towards the future, which is why we consistently invest in areas such as R&D. Adapting and thinking innovatively in the ever-changing market is essential for our continuous progress and striving for a better future.

Prioritizing customer satisfaction, we lead the company by anticipating technological advancements and industry trends. Furthermore, our commitment is to constantly strive for innovation and improved quality. We look forward to creating a better future together.

Thank you.

Dongsu Kim
CEO

"One of the values that I consider important is the ability to think from the customer's perspective."



Company Overview

Company Name: ARK International Co., Ltd.

Established: April 17, 2020

Address: 6th Floor, 23-1 Saejae-ro, Siheung-si, Gyeonggi-do, Republic of Korea

CEO: Kim Dongsoo



Mission & Vision

Mission:

"We are dedicated to developing safe and effective products using various ingredients such as mineral concentrates and snake venom peptides. Our mission involves continuous research and development to create innovative and unique products. Strengthening collaboration with traditional Korean medicine practitioners, we aim to precisely meet customer demands and pursue sustained growth."

Vision:

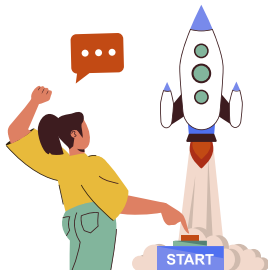
"Our vision is to lead the concurrent progress of Eastern and Western medicine by developing products with verified safety and efficacy. While respecting the long-standing development of Western medicine worldwide, we aim to introduce innovative Korean traditional medicine to the global stage. We contribute to the co-development of Eastern and Western medicine by developing products that can complement Western treatment methods. Our goal is to manufacture and supply innovative Korean products that are safe and effective worldwide, thereby contributing to the health and well-being of humanity."



Team History



"The team's history began in 2017 when the then Vice President of Lichem Corporation (now the CEO of ARK International) and employees of the Consumer Health Division (current employees of ARK International) came together to establish the POPOQ brand. Lichem Corporation was a listed company in South Korea at that time."



"Until early 2020, the POPOQ brand achieved steady growth by successfully launching adult diapers and disinfectant sprays. Building on this success, on April 17, 2020, the team successfully spun off from the listed company and established ARK International Co., Ltd. as a startup."

"The business portfolio expanded to include manufacturing and sales of traditional Korean medicine, distribution of pharmaceutical raw materials, distribution of health supplements, and manufacturing of microneedle patch products."



"The manufacturing and sales of traditional Korean medicine were initiated."



2021. 8



2022. 3

"Collaboration with DL LAB, a microneedle patch manufacturer, was initiated, marking the beginning of R&D efforts for the development of microneedle patch products."

"Exclusive acquisition of distribution rights for Puriton mineral raw materials."

2022. 4



2022. 5

"Launch of mineral vials and mineral external ointments."

"Launch of adhesive patch-type Adhesive Patch-type Purified Venom Peptide."

2022. 9



2022. 11

"Launch of adhesive patch-type blood glucose regulators."

"Establishment of Podam Korean Herbal Medicine Center (Facility investment by ARK International)."

2023. 5



2023. 6

"Acquisition of 60% stake in DL LAB (microneedle patch manufacturer)."

"Registration of MEB Mineral Patch with the U.S. FDA, NDC 81488-010-30, marketed as 'MEB The Gluco Vitality Patch.'"

2023. 8

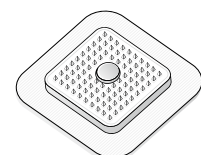


2025. 1

Registration of the patch as a health product in China through our Chinese partner.

Launching a Class II medical device patch in Korea

2025. 4



REVENUE

□ 2024 Revenue Status

[Unit: KRW in Millions]

Company Name	Sales Category		2024												
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ARK International	Sales Commission	Podam Korean Herbal Medicine Center	24	25	27	28	23	26	32	26	29	28	23	24	314
	Herbal Raw Materials	Korean Medicine Doctors	6	5	8	11	7	8	15	13	5	12	10	13	112
	General Goods	Vendors / Smart Store	50	41	58	35	24	48	25	27	15		12	7	341
	Medical Devices	Korean Medicine Clinics / Vendors / Smart Store					2	25	30	28	15	35	10	7	150
	Others	General Sales	2		45	17	25	12	5	2	4	4		7	122
	total		82	71	138	91	80	119	106	95	67	78	55	57	1,039
DL LAB	Patch Products	Vendors / General Sales	25	27	25	48	40	57	55	45	25	35	25	17	423
	Cosmetics	Vendors	23	4		35		7		5		5	2		79
	Cosmetic Containers	Export	25	5	15	36	8	5	15	6	33	18	15	7	188
	Others	General Sales													0
	total		73	36	40	119	47	68	70	56	58	58	42	24	690
Podam Korean Herbal Medicine Center	Mineral Medicine	Korean Medicine Doctors	15	32	35	42	30	40	41	36	49	43	33	38	433
	Dokyoung Medicine	Korean Medicine Doctors	15	10	16	9	10	16	7	14	13	10	10	15	141
	Patch Products	Korean Medicine Doctors	12	17	17	15	14	22	20	14	15	12	11	10	179
	Gongjindan (Traditional Herbal Pill)	Korean Medicine Doctors	8	10	9	9	7	8	8	8	10	7	9	9	99
	External Preparations	Korean Medicine Doctors	1	1	1	2	2	3	2	4	5	5	6	5	35
	total		50	69	78	76	62	88	78	76	91	77	68	76	888

Partnerships



DL LAB

"ARK International has been producing innovative and high-quality microneedle patches through a strong collaboration with DL LAB. DL LAB, a leading company in microneedle patch manufacturing, owns a 60% stake in the DL LAB factory, with the CEO of ARK International holding the majority ownership. This collaboration reflects a close business relationship between the two companies, and they have consistently worked together for product development and the introduction of innovative technologies.

DL LAB is a pioneering company with the technological capability to create needles in various shapes, utilizing semiconductor wafer-based molds, a groundbreaking approach in the industry. They specialize in producing distinctive pyramid-shaped needles. Furthermore, DL LAB manufactures microneedle patches using high-quality core materials provided by ARK International.

Currently, the CEO of ARK International is scheduled to assume the role of CEO at DL LAB in the future, emphasizing the trust and collaboration between the two companies. This ongoing collaboration aims to enhance the competitiveness of both companies and provide customers with excellent products and services.

This partnership supports our leading position in the industry and will continue to contribute to the development and growth of both companies through close collaboration in the future."



ARK K-Medicine Clinic Lab



ARK Mineral Medicine Education Center



ARK Mineral Medicine Education Center



Podam Korean Herbal Medicine Center

"ARK International has established a robust partnership with Podam Korean Herbal Medicine Center in the field of traditional Korean medicine. Podam Korean Herbal Medicine Center, established with the investment from ARK International, possesses formulation facilities that comply with GMP standards. Additionally, they maximize contamination prevention and efficiency through the use of cleanrooms and automated equipment.

In this collaboration, Podam Korean Herbal Medicine Center utilizes high-quality core materials provided by ARK International to manufacture traditional Korean medicine. This signifies the intent to supply high-quality products through close cooperation, aiming to play a leading role in the industry together.

The formulation facilities at Podam Korean Herbal Medicine Center guarantee the quality and safety of traditional Korean medicine with advanced technology and state-of-the-art equipment. This collaboration combines the strengths of both parties, achieving high productivity and innovation to provide consumers with safe and effective products.

In the future, both companies will continue to respond to new technologies and market trends through this partnership, fostering a stronger and sustainable collaboration in the field of traditional Korean medicine."



Kadesh incorporation

"ARK International has established a strong collaboration with Kadesh Incorporation, headquartered in the United States, to supply various mineral products to both domestic and international markets. ARK International exclusively sources mineral concentrates from Kadesh Incorporation, using high-quality raw materials to manufacture and distribute various products globally.

The mineral concentrates from Kadesh Incorporation are produced based on advanced research and technological expertise. ARK International has successfully supplied these products not only in the domestic market but also in the international market. Additionally, ARK International distributes a range of Kadesh Incorporation's mineral products in the domestic market for various purposes, including Eye drop, Nose spray, Skin Disorder Spray products.

The collaboration between the two companies seeks mutual benefits, emphasizing ongoing research and development to enhance competitiveness in the mineral product sector. This collaboration contributes to building a positive image and trust for both companies while providing customers with high-quality products.

Moving forward, ARK International and Kadesh Incorporation will maintain close cooperation, keeping abreast of market trends and developing better products and services for a successful business partnership."



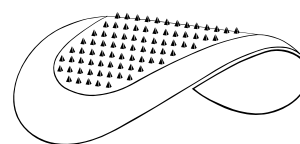
Product Introduction



Adhesive Patch-type Purified Venom Peptide, SV Pain Patch

SV Pain Patch is a microneedle patch developed for safe and convenient use by blending a diluted and filtered venomous solution of Agkistrodon brevicaudus, purified to a concentration of 0.1mg/ml, with natural hyaluronic acid. The venomous solution is an effective substance for treating pain and inflammation associated with musculoskeletal inflammatory conditions. The microneedles, with high penetration capability, traverse the stratum corneum of the skin, reaching deep into the skin. They self-decompose within the skin, facilitating the effective delivery of active ingredients.

"Each patch contains approximately 0.167cc of Purified Venom Peptide solution."

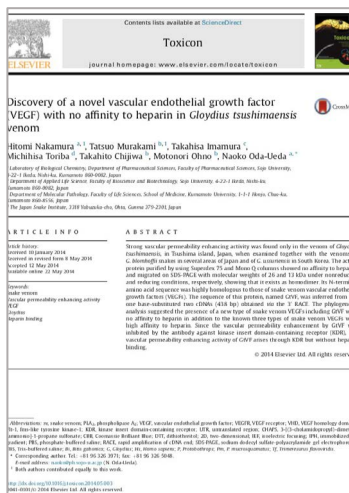
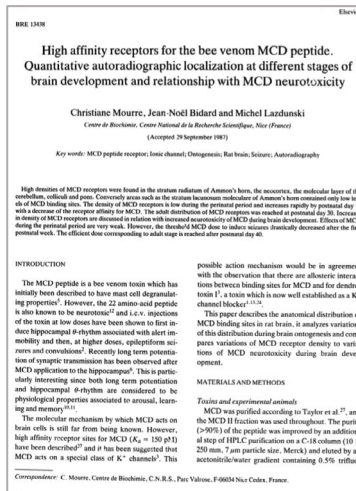
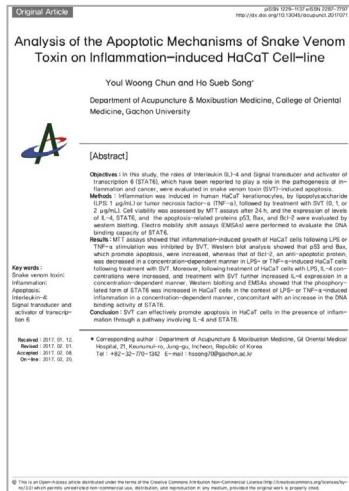


Indications

- ① General muscle pain, acute/chronic sprains, contusions, and other inflammatory conditions.
- ② Excellent in relieving tension in upper muscle areas.
- ③ All musculoskeletal disorders, including frozen shoulder, cervical/lumbar sprains, internal/external joint inflammation, collateral ligament damage in the knee joint, and any other muscle or skeletal disorders.

Efficacy

- ① Rapid and chronic pain relief, anti-inflammatory action.
- ② Maximizing efficacy (prolonged exposure to the active ingredients as it is gradually absorbed).
- ③ Activation of immune cells.



Efficacy #1

After inducing inflammation by stimulating HaCaT cells, treatment with purified snake venom inhibited the inflammatory cytokine TNF- α .

Efficacy #2

Administration of purified snake venom effectively suppressed pro-inflammatory cytokines (TNF- α , IL-10) in the blood, reducing itching and inflammation size, and demonstrated excellent anti-inflammatory effects.

Efficacy #3

When purified snake venom peptides were applied to HDFn cells, collagen production increased significantly—up to 205.1%—indicating a wrinkle-improving effect.

Efficacy #4

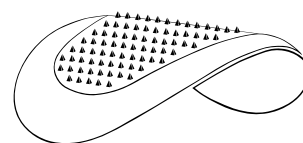
Immune cell activity measured using Yac-1 cells showed an increase in NK cells, which play an important role in body immunity, thereby enhancing immune function.



Adhesive patch-type blood glucose regulator, MEB Mineral Patch

MEB Mineral Patch is a microneedle patch developed for safe and convenient use by blending 100% natural mineral concentrate and natural hyaluronic acid, which are key ingredients that aid in improving and managing blood glucose regulation. The microneedles, with high penetration capability, traverse the stratum corneum of the skin, reaching deep into the skin. They self-decompose within the skin, facilitating the effective delivery of active ingredients.

"Each set of the MEB Mineral Patch contains approximately 3.88cc of mineral concentrate."



Indications

High blood glucose (Diabetes)

The advantages and characteristics of patches

① Efficacy:

Blood glucose-lowering effect

② Safety:

Does not impose a burden on the liver and kidneys, and is safe without any additional side effects.

③ Concurrent Treatment:

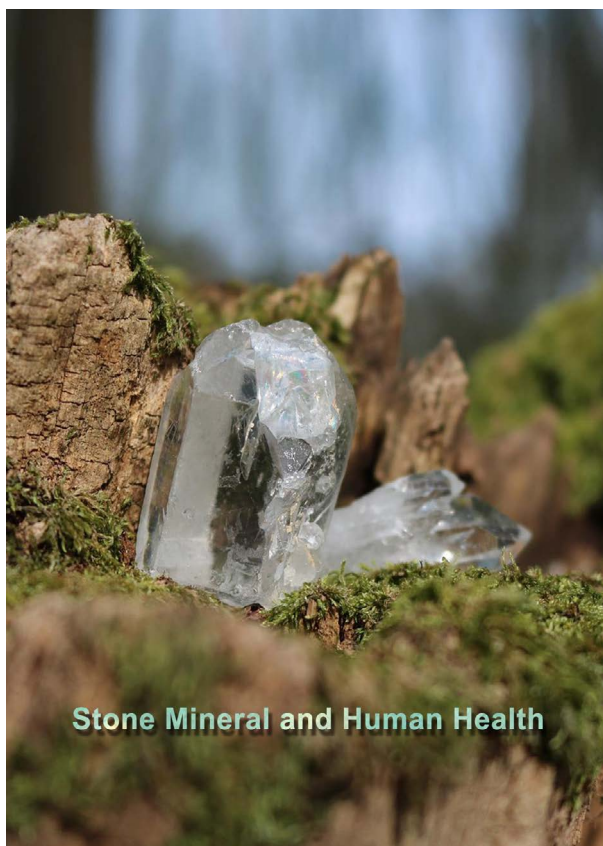
Can be used concurrently with prescribed blood glucose regulators and insulin by hospital physicians.

④ Convenience:

Can be self-administered at home.

⑤ Maximizing Exercise Effect:

When used in conjunction with exercise, the blood glucose-lowering effect is maximized.



Stone Mineral as Medicine?

The word “mineral” seems much more familiar in terms of a nutrient such as calcium and iron essential for maintaining human health. When we explore the word’s etymology, the Latin term, *minera*, meaning “pertaining to mines,” is derived from *minera* “mine” and defined as an inorganic, geological substance.

Usage of minerals in medicinal practice sounds unfamiliar considering today’s medication practices which generally embrace ingredients driven from plants, animals, and artificial chemical compounds. Nonetheless, stone and rock minerals can be easily found around us. In the study of Oriental herbal medicine, 34 out of 514 natural medicinal ingredients were derived from stones and rocks. Bentonite is a popular clay-driven ingredient used in medicines to protect the stomach and digestive health and is also applied in skin protectant products.



NDC CODE : 81488-010-30

Exclusive to traditional Korean medicine clinics, a variety of MEB mineral products.



concentrated MEB minerals

MEB Mineral Injection is a traditional Korean medicine designed for acupuncture therapy, combining acupuncture and mineral extract. The mineral extract, developed over 20 years ago through mineral medicine research in the United States and Korea, is a 100% natural substance. It serves as a complex mineral substance promoting disease treatment, skin health, and overall balance. The refined mineral injection is administered into acupoints to treat musculoskeletal inflammatory conditions and pain. The injection process is virtually painless, providing a pain-free acupuncture experience



MEB Mineral Concentrated Solution for Oral Intake

Mineral Concentrated Extract is a health compound product containing various beneficial minerals extracted from natural minerals, which are known for their excellent absorption by the human body and health-promoting properties. This product features Puriton Mineral, a 100% natural mineral extract sourced from non-chemical minerals, providing a wide range of minerals essential for the healing and prevention of various diseases. It serves as a health booster for people of all ages, contributing to fatigue recovery, antioxidant functions, and overall gastrointestinal health. The concentrated mineral extract consists of particles smaller than blood cells, allowing for high absorption rates (98%) and easy digestion, making it a highly absorbable mineral for overall well-being in preparation for a healthy life in the era of centenarians.

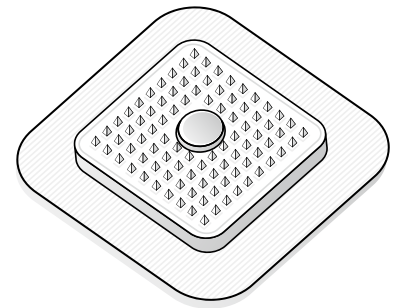


Other MEB Products

MEB Eye drop, Nose spray, Skin Disorder Spray, and Feminine Cleanser are made from 100% natural mineral materials. The mineral extract, known for its high safety, can be widely used on various parts of the body, including the eyes, nose, and face.

The activation of cellular functions, cell and tissue regeneration, as well as the induction of natural healing through the movement of far-infrared and negative ion particles within MEB minerals, contribute not only to enhancing cellular function but also to the natural healing process through tissue recovery and immune system reinforcement.

Class II Medical Device, NURGO

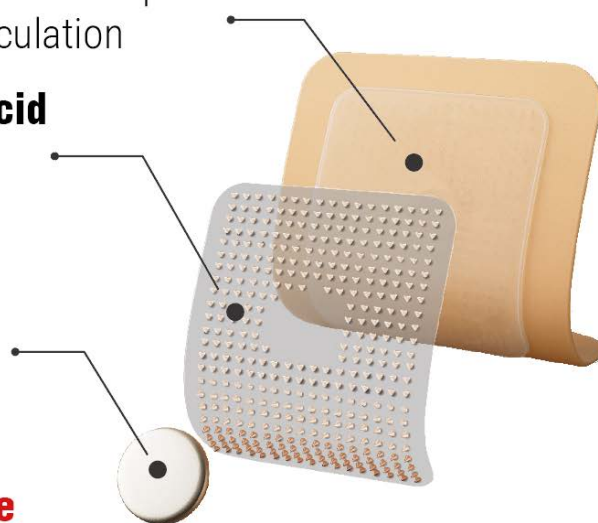


Tourmaline sheet that helps
improve blood circulation

**Microneedle hyaluronic acid
sheet** that presses and
stimulates painful areas

Permanent magnets that
promote recovery through
magnetic energycirculation

Innovative Triple-Layer Structure



Class II Medical Device, SPO PATCH (OEM Product)



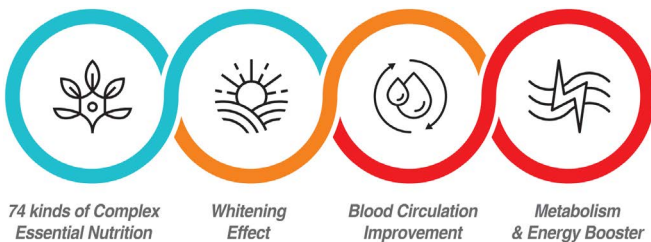


AWELL – A New Concept in Nutrition: 74-Ingredient Advanced Supplement

AWELL is a next-generation nutritional supplement that goes beyond traditional formulas. By maximizing the benefits of 74 high-purity ingredients, it delivers superior potency compared to single-ingredient products.

Not only does it provide essential nutrients, but it also helps you quickly detect early warning signs in your body. Additionally, its unique formulation promotes vascular dilation and improves blood flow, creating a “clear pathway” effect that enhances the performance of other supplements you take.

With AWELL’s Nutrition + Self-Monitoring + Booster Effect, you’ll experience a level of health support that sets it apart from conventional products.



ARK External Events and Industry Exhibitions



2024 Yeongdeok International H-Wellness Festa



Global Cancer Treatment Support Foundation Clinical Presentation



COEX K-MEX Exhibition



China Exhibition for Medical Devices for the Disabled 2025



International Open Taekwondo Championship 2025

