playal

Sodium hyaluronate and niacinamide patented formulation

- Pre-filled syringes containing **hyaluronic acid-based gels** that provide joint cushioning
- **Innovative topical formulation** and massage gel specifically designed for areas of the body that experience pain, **discomfort or muscle fatigue**
- This supplement is designed to promote overall well-being and **reduce osteoarthritic knee symptoms**

Innate is proud to sponsor the **Italian Maxibasket World Team**, with Playal® brand products

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HUMAN HEALTH

playal

PLAYAL® product family

The Playal® family consists of extremely innovative products, some of which have a patented formulation characterised by **high molecular weight Sodium Hyaluronate and Niacinamide**, or Vitamin PP.
We created these products with **sports enthusiasts or professionals** in mind, people who subject their joints to particular stress during training and strain them several times a day, resulting in pain and discomfort.

Playal® Injections

Playal® injectable products are pre-filled syringes containing **hyaluronic acid-based gels that provide joint cushioning**, particularly for degenerative diseases or intense mechanical stress. Hyaluronic acid acts as a substitute for synovial fluid, restoring joint condition with its **viscoelastic and lubricating properties**. The high concentration of Sodium Hyaluronate in all Playal® formulations ensures effective viscosupplementation and immediate shock absorption.
These products have a final concentration of **2.0% high-molecular-weight hyaluronic acid**, offering superior performance. Additionally, **Niacinamide, a water-soluble vitamin**, is included to counteract the hyaluronidase enzyme's action and protect the hyaluronic acid, thereby **enhancing long-term performance**. Playal® injectable products provide an innovative solution for joint health and mobility.

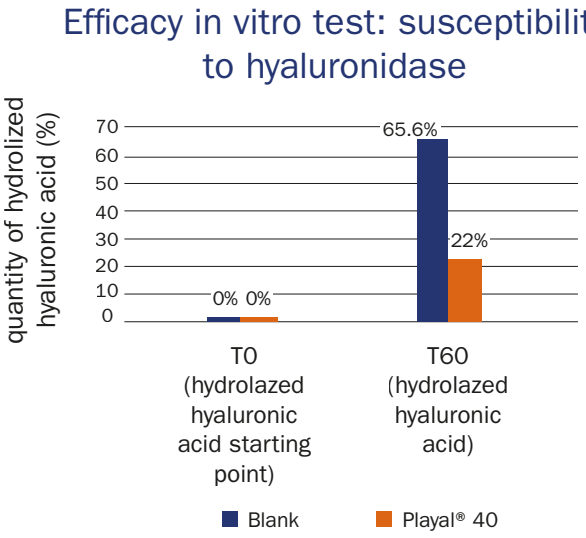
Patent Number: 102020000025264
Medical Device Class III

CE **Mark 0426**

Intended use: Chondropathy, Arthrosis, Arthritis.
Classification: Implantable, non-active, re-absorbable, long term (>30 days) medical device.

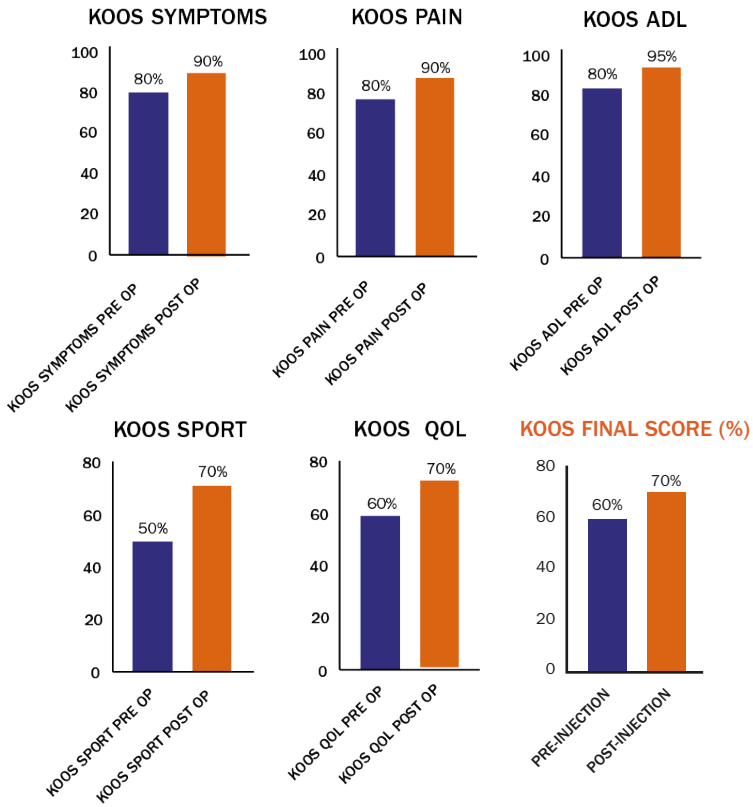
Formats available: Playal® 20mg/2mL; 30mg/2mL; 36mg/2mL; 40mg/2mL; 80mg/4mL

EFFICACY IN VITRO TEST (E.IT.076 2019/1536and 2019/1537)



The experimental protocol takes account of the variation of hyaluronic acid levels over time.
The sample containing Niacinamide showed less than 22.0% of hydrolyzed hyaluronic acid in the reaction mixture after 60 minutes, while the control had 65.6% of hydrolyzed HA ($P < 0.05$), which means less susceptibility and accessibility of the product formulation to hyaluronidase compared to the sample without Niacinamide.

Clinical evaluation with KOOS



A clinical study on 80 patients treated with Playal® 40 mg for the knee joint **showed significant improvements in symptoms**, pain, daily functioning, sports activities, and knee-related quality of life. The study used the **KOOS instrument**, which assesses patients' opinions and experiences with their knees. The treatment was found to be **effective based on the average scores across various subscales**, confirming its positive impact on patients' knee health. The study showed that the knees of **patients treated with Playal® show an improved condition after the injection cycle** in terms of symptoms, pain, functionality in normal activities, sports activities and knee-related quality of life.

Playal® Jump

Food supplement: 30 capsules/blister

This supplement is designed to promote overall well-being by utilizing carefully selected functional ingredients. Its formula combines **collagen, niacinamide (Vitamin PP), and ExceptionHYAL® Jump hyaluronic acid**, a key component known for its ability to regenerate endogenous hyaluronic acid and **alleviate symptoms of osteoarthritis**. Each 390 mg capsule is recommended for a daily intake of **3 capsules over a period of 30 to 60 days**. Extensive studies, including clinical evaluations using WOMAC, LFI, VAS-p, and joint ROM assessments, have proven the remarkable efficacy of ExceptionHYAL® Jump. In vitro studies have also confirmed its positive impact on osteoarthritic knee symptoms.

Playal® Cream

Cosmetic product: 30 ml/tube

Is an innovative topical formulation designed for massaging areas of the body that experience pain or discomfort. Its primary ingredients, including **capsicum frutescens, arnica montana, and capsaicin**, are all-natural and contribute to the cream's long-lasting effectiveness in providing immediate relief. To use, apply a sufficient amount of cream to the affected area and gently massage until fully absorbed. Playal® Cream is specifically intended for targeted application on specific areas of the body.

Playal® Gel

Cosmetic product: 100 ml/tube

Is an innovative massage gel specifically designed for areas of the body that experience **mechanical stress and muscle fatigue**. Its unique formula incorporates **essential oils** and **botanical extracts**, such as camphor and menthol, which create a cooling sensation upon application. The presence of hypericum perforatum and arnica montana powder extract helps to **relax and soothe the treated area**, providing immediate relief. The gel is also suitable for gentle pain relief through massage. To use, apply an appropriate amount of gel to the affected area and massage until fully absorbed, experiencing a cooling effect. Playal® Gel is ideal for use on larger areas of the body.

Commercial Informations

PLAYAL® Injectables
Format: 1 pre-filled syringe per unit
Indication of Use: Single shot or multiple shots following medical administration advice
Shelf Life: 36 months
Minimum order quantity: 500 units

PLAYAL® Jump
Format: 390 mg capsule / 30 capsules per blister
Indication of Use: 3 capsules per day for 30-60 days
Shelf Life: 24 months – 36 ongoing
Minimum order quantity: 500 units

PLAYAL® Cream
Format: 30 mL/tube
Indication of Use: Gently massage as needed on the affected area until absorbed
P.A.O.: 9 months
Minimum order quantity: 660 units

PLAYAL® Gel
Format: 100 mL/tube
Indication of Use: Spread as needed on the affected area until absorbed
P.A.O.: 9 months
Minimum order quantity: 225 units

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PLAYAL Family
(20mg – 40mg – 80mg)

Playal® est un produit extrêmement innovant, doté d'une formulation brevetée caractérisée par de l'Acide Hyaluronique de haut poids moléculaire et de la Niacinamide, disponible en différentes concentrations et volumes.

Conçu à partir du type d'acide hyaluronique, l'HA de haut poids moléculaire, associé dans la formule à la Niacinamide, rend Playal®, selon les essais cliniques réalisés, particulièrement adapté aux patients actifs, sportifs ou aux athlètes professionnels, dont les articulations sont souvent soumises à des efforts répétés, à des contraintes mécaniques et à des inflammations.
Les produits Playal® se sont révélés efficaces tant en termes de modalités que de durée du traitement.

Toutes les formulations injectables Playal® se caractérisent par un acide hyaluronique de haut poids moléculaire (1,8 MDa – 2,6 MDa) avec une concentration finale de 2,0 %.
La qualité et la concentration du Hyaluronate de Sodium garantissent un degré exceptionnel de viscosupplémentation ainsi qu'une performance immédiate en matière d'absorption des chocs.

La Niacinamide, une vitamine hydrosoluble, est incluse dans les formulations Playal® en tant qu'excipient à fonction technologique : en effet, la Niacinamide sous forme injectable agit comme antagoniste de l'action de l'enzyme hyaluronidase et est considérée comme un protecteur de l'acide hyaluronique contenu dans les produits Playal®, assurant ainsi une meilleure performance en termes de durée.

POSOLOGIE ET MODE D'UTILISATION

PLAYAL 20 mg/40 mg 2 ml : par voie intra-articulaire, une injection pendant 4 semaines (utilisation principalement pour les petites articulations).
PLAYAL 40 mg 2 ml : une injection par semaine pendant 2 à 3 semaines (utilisation principalement pour le genou et l'épaule).
PLAYAL 80 mg/4 ml : en infiltration unique (utilisation principalement pour la hanche sous contrôle échoguidé et le genou).

À la discrétion du médecin et en fonction de l'état de santé du patient, un schéma posologique différent peut être suivi, ainsi qu'un traitement simultané de plusieurs articulations. En cas de nécessité d'un nouveau cycle de traitement, un intervalle d'environ 6 mois est recommandé.