

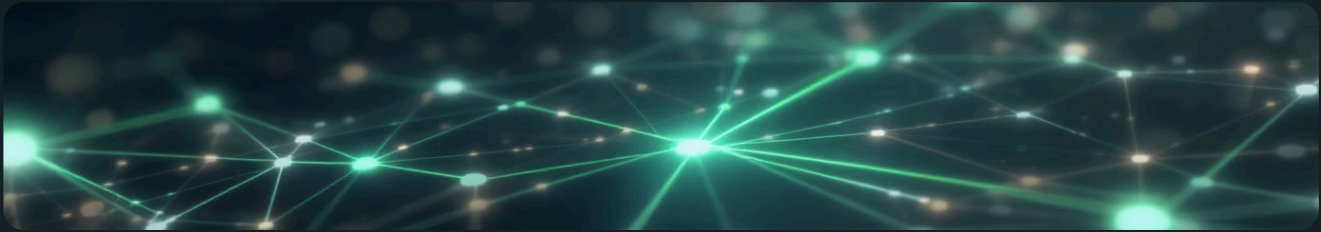
# Medical Cannabis with Safety, Efficacy and Dignity

The only gum that turns cannabis into medicine: precise monodose, full spectrum, and European Pharmacopoeia validation (Ph. Eur. 2.9.25). THC, CBD or mixed formulations.



# The Problem with Current Medical Cannabis Formats

Existing medical cannabis formats—oils, sprays, and vaporizers—are fraught with critical limitations that directly impede patient care and diminish clinical efficacy:



## Inaccurate Dosing

Variable absorption rates make it difficult for patients and healthcare providers to achieve consistent therapeutic effects.



## Thermal Degradation

Heat-based delivery methods destroy valuable phytochemical profiles, reducing therapeutic potential.



## Limited Acceptance

Lack of GMP traceability and institutional acceptance hinders widespread medical adoption.

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## Our Revolutionary Solution

MFD has developed the first medical cannabis chewing gum validated by the European Pharmacopoeia, including the dissolution test Ph. Eur. 2.9.25, demonstrating  $\geq 70\%$  release.



## Pharmaceutical Innovation

First-of-its-kind medical cannabis delivery system that meets rigorous pharmaceutical standards.



## Precise Dosing

THC, CBD or mixed formulations with exact monodose control for consistent therapeutic outcomes.



## Full Spectrum Preservation

Maintains complete phytochemical profile through controlled absorption via buccal mucosa.

# Key Advantages of MFD Medical Cannabis Gum



## European Pharmacopoeia Compliance

Full validation under Ph. Eur. 2.9.25 standards with demonstrated  $\geq 70\%$  active compound release, ensuring pharmaceutical-grade quality and consistency.



## Precise Monodose Control

Exact dosing with placebo options available, enabling controlled clinical studies and personalized patient treatment protocols.



## Full Spectrum Validated

Complete preservation of therapeutic compounds including THC, CBD, and supporting cannabinoids in mixed formulations.



## GMP Development Standards

Developed under Good Manufacturing Practice guidelines, ensuring traceability, quality control, and regulatory compliance.

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## The MFD Difference: Comparative Analysis

Our pharmaceutical-grade chewing gum addresses the critical limitations of existing medical cannabis delivery methods:



### Traditional Oils

Variable dosing and inconsistent absorption → Unpredictable therapeutic outcomes



### Vaporizers

Thermal degradation of compounds → Loss of therapeutic potential



### Sublingual Sprays

Limited institutional acceptance → Restricted clinical applications



### MFD Medical Gum

Validated, reproducible, pharmaceutical-grade → Consistent therapeutic delivery

# Market Opportunity and Clinical Validation

## 1,300+

### Global Clinical Trials

Cannabis-related clinical trials worldwide demonstrate growing medical acceptance and research investment.

## 500+

### European Studies

Active clinical trials in Europe highlight the urgent need for standardized delivery systems.

## 70%+

### Release Rate

Validated dissolution rate meeting European Pharmacopoeia standards for pharmaceutical efficacy.



**With extensive clinical research underway globally, there is a clear and growing need for standardized, pharmaceutical-grade delivery systems. MFD gum provides a scalable solution for both clinical research applications and comprehensive patient care programs.**

# Contact Information

## Direct Contact

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# MFD

MEDICAL FLOWERS DEVELOPMENTS



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# Transforming Medical Cannabis into Medicine

## Medical Flowers Developments

Transforming medical cannabis into medicine

[www.mfdevelopments.com](http://www.mfdevelopments.com)

## Medical Flowers Logistics

Connecting medical cannabis worldwide

[www.mflogistics.es](http://www.mflogistics.es)

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## In Collaboration With:

- PhytoPlant
- Cafosa (RB Group)