# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### FORM 8-K

#### **CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): January 13, 2025

# DARÉ BIOSCIENCE, INC.

(Exact name of registrant as specified in its charter)

**Delaware** (State or other jurisdiction of incorporation)

**001-36395** (Commission File Number)

20-4139823 (I.R.S. Employer Identification No.)

3655 Nobel Drive, Suite 260 San Diego, CA 92122 (Address of Principal Executive Offices and Zip Code)

Registrant's telephone number, including area code: (858) 926-7655

#### **Not Applicable**

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing the following provisions (see General Instruction A.2. be		satisfy the filing obligation of the registrant under any of			
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)					
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)					
□ Pre-commencement communications pursuant to F	Rule 14d-2(b) under the Excha	ange Act (17 CFR 240.14d-2(b))			
□ Pre-commencement communications pursuant to F	Rule 13e-4(c) under the Excha	ange Act (17 CFR 240.13e-4(c))			
Securities registered pursuant to Section 12(b) of the A	ct:				
Title of each class	Trading Symbol(s)	Name of each exchange on which registered			
Common stock	DARE	Nasdaq Capital Market			
Indicate by check mark whether the registrant is an emoof this chapter) or Rule 12b-2 of the Securities Exchange		fined in Rule 405 of the Securities Act of 1933 (§230.405 this chapter).			
Emerging growth company $\square$					
If an emerging growth company, indicate by check many with any new or revised financial accounting standards		d not to use the extended transition period for complying 13(a) of the Exchange Act. $\Box$			

#### Item 7.01 Regulation FD Disclosure.

Exhibit 99.1 to this report is a copy of a corporate presentation dated January 13, 2025, which is incorporated herein by reference. Daré Bioscience, Inc. ("Daré" or the "Company") intends to use the presentation and its contents in various meetings with securities market participants and others, commencing on January 13, 2025.

The Company also plans to make a copy of the presentation available in the "Investors" section of its website (https://ir.darebioscience.com), on the page titled "Presentations, Events & Webcasts," under the heading "Presentations." Information contained in, or that can be accessed through, the Company's website is not incorporated by reference into this report.

The information in this Item 7.01 and Exhibit 99.1 to this report is being furnished and shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall such information be deemed to be incorporated by reference into any filing under the Exchange Act or the Securities Act of 1933, as amended, whether made before or after the date hereof, regardless of any general incorporation by reference language in any such filing, except as the Company expressly sets forth by specific reference in such filing.

#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

**Exhibit No. Description** 

99.1 Daré Bioscience corporate presentation, dated January 13, 2025 104

Cover Page Interactive Data File (embedded within the Inline XBRL document)

#### **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

#### DARÉ BIOSCIENCE, INC.

Dated: January 13, 2025

By: /s/ Sabrina Martucci Johnson Name: Sabrina Martucci Johnson

Title: President and Chief Executive Officer

-3-

January 13, 2025



We founded Daré Bioscience with the **sole focus** of putting women's health first – to **boldly address** existing therapeutic gaps and **give women** the novel treatment options they need and deserve.

IN ITALIAN, IT MEANS "TO GIVE." IN ENGLISH, IT MEANS "TO BE BOLD."







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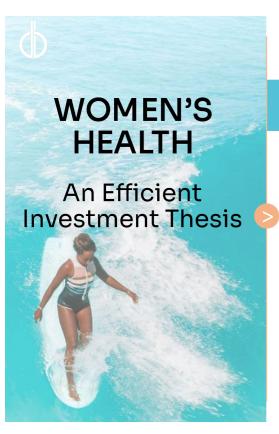


#### Forward-Looking Statements; Disclaimers

This presentation is for informational purposes only and is not an offer to sell or a solicitation of an offer to buy any securities of Daré Bioscience, Inc. ("Daré" or the "Company"). This presentation includes certain information obtained from trade and statistical services, third-party publications, and other sources. Daré has not independently verified such information and there can be no assurance as to its accuracy.

All statements in this presentation, other than statements of historical fact, are forward-looking statements within the meaning of federal securities laws. In some cases, you can identify forward-looking statements by terms such as "may," "will," "expect," "plan," "anticipate," "strategy," "designed," "could," "intend," "believe," "estimate," target," or "potential," or the negative of these terms and other similar expressions. Such statements include, but are not limited to, statements relating to the clinical potential of and market opportunities for Daré's product candidates, the advancement of and plans and timelines related to development, including clinical investigation, of Daré's product candidates, Daré's regulatory and commercialization strategy, potential collaborations, expectations regarding existing collaborations, including potential payments under its collaborations, potential pipeline expansion, and potential funding and financing transactions. As used in this presentation, "firstin-category" is a forward-looking statement relating to the potential of a product candidate to represent a new category of product if it were to receive marketing approval for the indication(s) for which it is being developed. None of the product candidates presented herein are approved for use outside of clinical trials. The timing of clinical trials, receipt and announcement of clinical trial data, U.S. Food and Drug Administration (FDA) review and approval, collaborations and other milestones and events relating to development and commercialization of XACIATO<sup>™</sup> (clindamycin phosphate) vaginal gel 2% and Daré's product candidates, other than those having occurred prior to the date of this presentation, are forward-looking statements. Forward-looking statements reflect management's estimates and expectations based on current information and involve risks, uncertainties and assumptions that may cause Daré's actual results, performance or achievements to be materially different from those expressed or implied by the forward-looking statements, including, without limitation: Daré's need for additional capital to fund operations and execute its business strategy; the inherent uncertainty of outcomes of clinical trials of investigational drug products; Daré's ability to successfully develop, obtain regulatory approval for and monetize its product candidates; Daré's reliance on third parties to manufacture and conduct clinical trials and preclinical studies of its product candidates and commercialize XACIATO and future products; the degree of market acceptance that XACIATO and any future product achieves; the coverage, pricing and reimbursement that XACIATO and any future product obtains from third-party payors; the effects of macroeconomic conditions, geopolitical events, public health emergencies, major disruptions in government operations, and developments impacting the regulation of the pharmaceutical and health care industries on Daré's operations and potential commercial success; and those risks and uncertainties described under the heading "Risk Factors" in Daré's most recent annual report on Form 10-K and quarterly report on Form 10-Q filed with the Securities and Exchange Commission. All forward-looking statements are current only as of the date of this presentation. Daré does not undertake any obligation to update any forward-looking statement in this presentation to reflect new information, future developments or otherwise, except as required by law.

All trademarks, service marks or trade names appearing in this presentation are the property of their respective owners. Unless specifically identified as such, Daré's use or display of third-party marks is not intended and does not indicate or imply any relationship with or endorsement or sponsorship of Daré by the third-party owner.



# Why invest in women?

We believe that investment in women's health will be efficient and disproportionately impactful.

#### **Limited R&D Investment**

- **Large Commercial Opportunity**
- Only approximately 1% of healthcare research spending is invested in nononcologic female conditions.1
- The global healthcare pipeline is comprised of less than 2% of non-oncologic women's health conditions.2
- Women's health products make up 27% of total blockbuster products while contributing to 35% of total blockbuster sales.3
- Women control 80% of U.S. healthcare purchasing decisions.1

- McKinsey & Company, February 14, 2022, Unlocking Opportunities in Women's Healthcare GlobalData Drugs Database and McKinsey & Company (IOVIA Monthly Global MIDAS & Const. Exching (MMF) 2032 2022 kbuster defined as \$500 million dollar sales in a year Women's Health including conditions s



INNOVATION is:

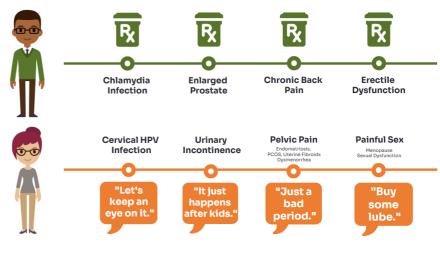
Listening to doctors and women when they talk about what they need.





**INNOVATION** is:

Recognizing women's health issues as **treatable health conditions**, not dismissing them as a "normal" part of life.





**INNOVATION** is:

Leveraging the learnings from existing therapeutics to accelerate our path to market.

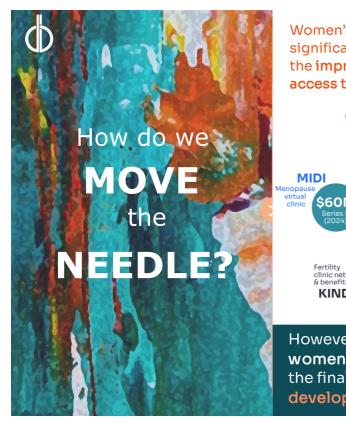
We deploy established active pharmaceutical ingredients (APIs) in first-incategory candidates, allowing us to leverage the derisked 505(b)(2) regulatory pathway.

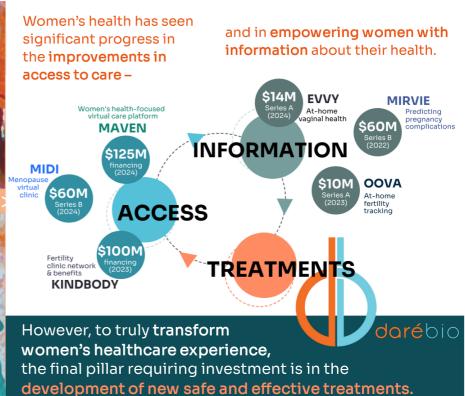
API	Original FDA Approv	al	Daré Product Candidate
Sildenafil	Erectile dysfunction (oral)	$\Rightarrow$	Topical treatment for <b>female sexual</b> arousal disorder
Tamoxifen	Breast cancer (oral)	$\Rightarrow$	Hormone-free vaginal treatment for sexual pain associated with menopause
Ritonavir	HIV (oral)		Vaginal HPV therapy to <b>prevent cervical</b> cancer

Our Track Record:

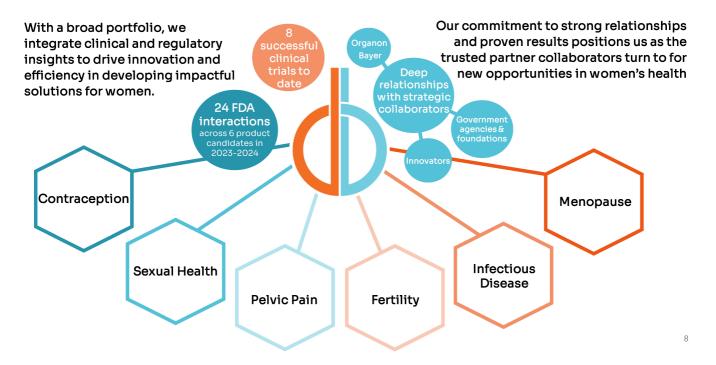
8 successful clinical trials with six assets in the portfolio, up to and including a Phase 3 trial that led to an FDA approval.





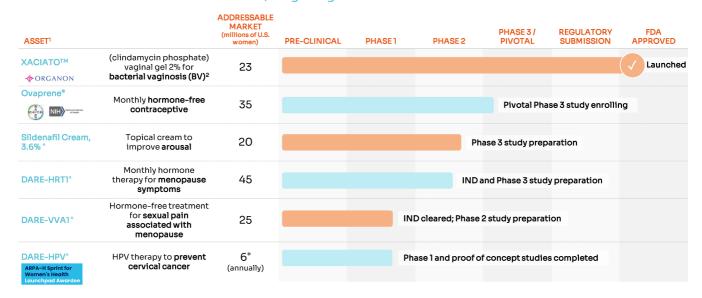


# We Are Leading Experts in Women's Health



# Revolutionizing Women's Health Therapeutics

Our investigational products are some of the most potentially disruptive therapeutic candidates for women in decades, targeting unmet needs with innovative solutions.



<sup>-</sup>sosjo, 2) regulatory patrivary anticipated. \*Addressable market reflects potential treatment of all cases of high-risk HPV infections in the U.S. See slide 38 for more details Timelines represent anticipated timing.

(1) See Since 28 for earlier stage programs (2) XCLATO is indicated for the treatment of bacterial vaginosis in females 12 years of age and older. See Full Prescribing Information 1 the safe and effective use of XACIATO. See XACIATO selected safety information on slide 40.



### Daré's First FDA-Approved Product

#### In less than five years, Daré:

- In-licensed the asset with a 30-patient proof-of-concept study
- Completed the pivotal clinical trial
- Achieved FDA approval
- Ensured product supply to support the U.S. launch

#### Commercialization Collaborator - \*\*ORGANON



- \$12.8 million in payments received through 2023 under the license agreement
- License agreement provides for tiered double-digit royalties and potential milestone payments from Organon of up to \$180 million.†
- \$27 million raised in royalty financings; eligible for upsidesharing milestone payments from XOMA†

\*See Full Prescribing Information for the safe and effective use of XACIATO. See XACIATO selected safety information on slide 38.

taoo% of royalties and commercial milestone payments based on XACIATO net sales are subject to a royalty purchase agreement with XOMA (April 2024) and a royalty interest financing agreement (Dec 2023). Upon achieving a pre-specified return threshold, XOMA will make upside-sharing milestone payments to Daré representing 50% of the future payments otherwise payable to XOMA.



# Huge Gaps Remain in the Contraceptive Landscape

We believe that millions of women have not found the contraceptive option that meets their needs.



17 million U.S. women use hormonal contraception

**35 million** U.S. women are potential candidates for Ovaprene®

2.5% of all U.S. contraceptive use

#### NuvaRing®: \$900M peak global sales

- 93% typical use effectiveness
- · Convenience of a monthly ring form
- · Fast return to fertility; inserted and removed without a provider
- · Hormonal: contraindicated for VTE risk and for estrogen-or progestin-sensitive cancers



#### Design Features of Ovaprene®2-4

- 86% 91% expected typical use effectiveness<sup>2</sup>
- Convenience of a monthly ring form
- Immediate return to fertility; inserted and removed without a provider
- Hormone-Free: Unique dual action A silicone ring releasing MOA (spermiostatic & barrier), no hormonal safety concerns

Physical Barrier 3D, knitted polymer barrier to physically block the passage of sperm Spermiostatio

Environment 3 gluconate to chemically



# Fighting the Stigma Around Female Sexual Arousal Disorder (FSAD)

FSAD is characterized primarily by inability to attain or maintain sufficient genital arousal during sexual activity and is clinically analogous to erectile dysfunction in men.



of women in the U.S. ages 21 to 60 are distressed from experiencing no or low sexual arousal, according to market
research, and are actively seeking treatment.<sup>1,2</sup>



Without effective treatment, the condition is often dismissed and stigmatized.



5% to

of men experience complete ED at age 40, increasing to

**15%** at age 70<sup>3</sup>

. Ad Hoc Market Research: FSAD Prevalence Report (Oct 2015) conducted for SST LLC.
. Based on US Census projections for 2016.
3, https://www.clevelandclinicmeded.cor

The prevalence of FSAD and ED are similar.





# When Fighting Stigma Becomes a Multi-Billion Dollar Industry

Before Viagra®, **erectile dysfunction (ED)** was also dismissed and stigmatized and often **considered to be a normal part of aging.** 

#### 1949

# SEXUAL BEHAVIOR IN THE HUMAN MALE

ALFRED C. KINSEY

"[Older males] carry on directly the pattern of gradually diminishing activity...Each male may reach the point where he is, physically no longer capable of sexual performance."

#### 1986

#### The American Journal of Medicine

May 1986, Vol. 80

"Most practitioners still believe that in the majority of patients, [male] impotence is psychologic, with fears, phobias, and feelings of guilt... being responsible for the impotence."

"It is an underlying tenet of this review that ... there is no age at which intercourse is not physiologic and as such the development of impotence represents a pathologic process requiring treatment."

Viagra sales peaked at \$2.05 billion in 2012<sup>1</sup> and ED is now widely recognized as a physiological medical condition.

#### 1998

Los Angeles Times

Number of Viagra Prescriptions Sets Launch Record

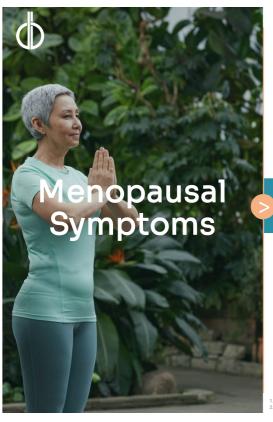
April 21, 1998 12 AM PT

1. https://gz.com/quartzy/1238/83/its-tne-20tn-anniversary-or-viagra-neres-now-its-change

#### However, there are still no FDA-approved treatments for FSAD.

**Sildenafil Cream, 3.6%** is an investigational topical formulation of the active ingredient in Viagra® for the treatment of FSAD.

Phase 2b RESPOND study has been completed; Phase 3 study preparation is ongoing.



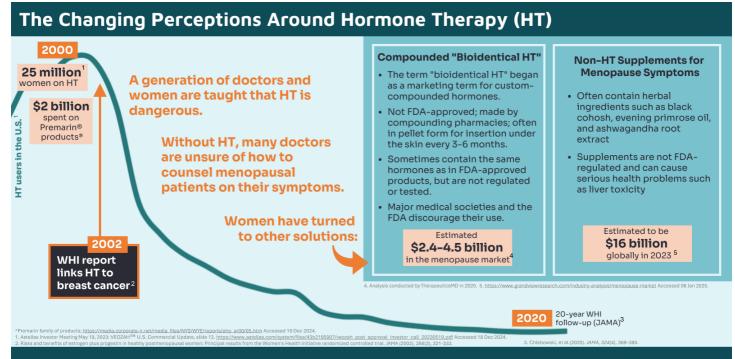
### Menopause is Having a Moment

- The menopause market is a large and growing market, with more than 1 billion people worldwide expected to be in menopause by 2025<sup>1</sup>. Approximately 51% of menopausal women experience moderate to severe vasomotor symptoms (VMS) or hot flashes.<sup>2</sup>
- The global market for menopausal products is growing rapidly, at a rate of more than 5%, rising from its 2021 level of about \$15 billion to reach \$24.4 billion by 2030.<sup>1</sup>

With the rise of digital support platforms and virtual care clinics, menopausal women are looking for solutions.

However, in a landscape with limited FDA-approved treatment options, they are turning to the burgeoning industry of compounded products, supplements, and natural remedies – none of which are evaluated by the FDA for safety and efficacy.

1. https://www.washingtonpost.com/opinions/2022/04/28/menopause-hormone-therapy-nih-went-wrong/



With the WHI findings now thoroughly rebuked, medical societies are actively training their members on the benefits of HT.



### What Causes Menopause?

During perimenopause, the supply of mature eggs in a woman's ovaries diminishes and ovulation becomes irregular.

The production of estrogen and progesterone also decreases. The changes in estrogen in particular cause most of the symptoms of menopause.<sup>1</sup>



**hormones,** there is interest in non-hormonal products, especially with **breast cancer survivors.** 

For women who cannot or choose not to use

Tamoxifen is commonly prescribed by oncologists in the treatment of hormone receptor positive (HR+) breast cancer, as it blocks estrogen activity in breast tissue. However, studies have shown an inverse effect in vaginal tissue where it has demonstrated estrogen-like effects on vaginal epithelium which could counter the physiological changes that lead to the

3. Cleveland Clinic: Tamoxifen, https://my.clevelandclinic.org/health/treatments/9785-tamoxifen

genitourinary syndrome of menopause (GSM).4

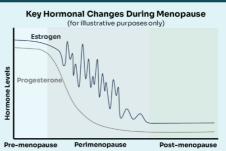
. https://www.hopkinsmedicine.org/health/conditions-and-diseases/introduction-to-menopause

**Hormone therapy is recommended as the most effective treatment** by the Menopause Society for treatment of the vasomotor symptoms of menopause (VMS) or hot flashes.

For the treatment of VMS, the Menopause Society recommends delivering **estrogen and progesterone, simultaneously**, for women with an intact uteri, and states that **non-oral routes** of administration may offer potential advantages.<sup>2</sup>

There are <u>no FDA-approved products</u> that combine both **estradiol and progesterone** in a **non-oral monthly form.** 

z. https://www.menopause.org/docs/default-source/professional/nams-2022-hormone-therapy-position-statement.pdf





#### >6 million women

are diagnosed each year with high-risk HPV infections that could lead to cervical cancer.<sup>3</sup> While vaccinations and screenings are important tools, **safe and effective HPV treatments remain an unmet need.** 

Today, HPV infections are not treated upon diagnosis.

This surgery is associated with an increased risk of preterm birth and sexual dysfunction and therefore is not recommended for patients with fertility concerns.

HPV infections and cervical precancers (dysplasia) are monitored using a

"watch and wait"

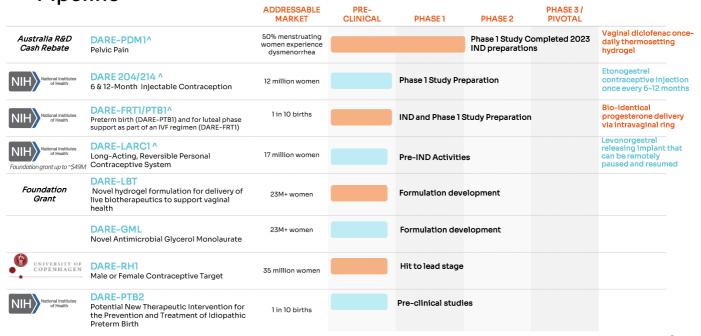
approach until they reach a late stage, since the most common treatment is a surgery which removes part of the cervix.

. CDC Cancer Statistics: Cancers Associated with Human Papillomavirus. https://www.cdc.gov/vaccine-safety/vaccines/hpv.html. Accessed 18 Dec 2020

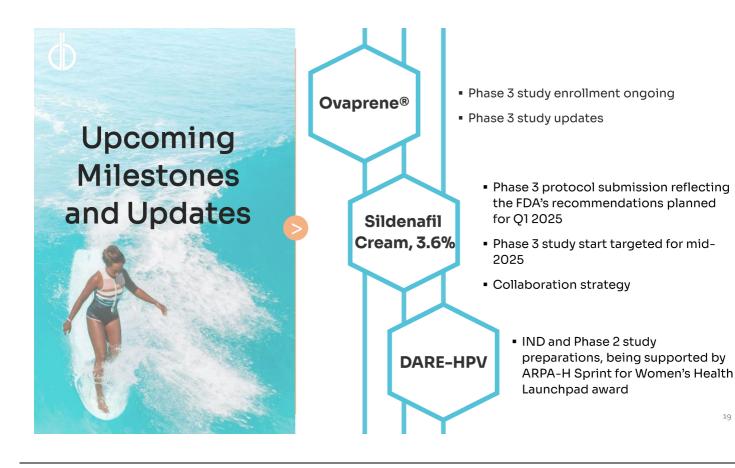
. WYLO CERVICAL CARDER. HIGGS://WWW.WR.WR.MID.HIGHDER OF DISEASE — ASSOCIATED HUMB PROBLEMS TO DECEMBE. A DECEMBER. A DECEMBER



# Earlier Stage Programs with Grant Funding Enhance the Pipeline



^505(b)(2) regulatory pathway anticipated.







# Daré Bioscience Corporate Highlights

# Infrastructure-light, partnering model

allows the Company to pursue a portfolio approach with several potential commercial products under the Daré umbrella

Derisked regulatory strategy leveraging the 505(b)(2) pathway could accelerate clinical development timelines and allow the Company to advance programs in a more capital efficient way compared to the traditional 505(b)(1) pathway Potential high-impact, first-incategory product candidates that represent large market opportunities

- 1 approved product (XACIATO™ (clindamycin phosphate) vaginal gel 2%, launched by collaborator Organon and widely available in U.S.)
- 2 late-stage programs (Ovaprene®, an intravaginal hormone-free monthly contraceptive; Sildenafil Cream, 3.6%, a topical cream to improve genital arousal in women)
- 4 additional clinical programs (in menopause, HPV therapy to prevent cervical cancer & pelvic pain)

Strong leadership team with extensive experience in clinical development, regulatory affairs and commercial



# Daré's Potential First-in-Category Contraceptive Product

- Designed to be an easy-to-use monthly option with effectiveness approaching hormonal methods.
- There are currently no FDA-approved monthly, hormone-free contraceptives.

#### Pivotal Study Collaborator



- Our Cooperative Research and Development Agreement (CRADA) enables Daré to leverage the contraceptive clinical trial expertise of the NICHD.
- If successful, we believe that the single ongoing registration study will be sufficient to support a premarket approval application submission with the FDA.

# Commercialization Collaborator



- Bayer received the right to obtain exclusive US rights to commercialize the product, following completion of the pivotal clinical trial if Bayer, in its sole discretion, pays Daré \$20 million<sup>†</sup>
- Daré may receive up to \$310 million in commercial milestone payments, plus double-digit, tiered royalties on net sales†

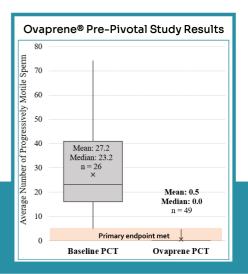
Minority interest in \$20 million payment and royalties on Ovaprene net sales subject to synthetic royalty purchase agreement (April 2024)



# Ovaprene® - Pre-Pivotal Study

- The Ovaprene® Pre-Pivotal Postcoital Test (PCT) study met its primary endpoint.
  - In 100% of women and cycles, Ovaprene prevented the requisite number of sperm from reaching the cervix.
  - A successful cycle was defined as an average of less than five (< 5) progressively motile sperm (PMS) per high-powered field (HPF) being present in the midcycle cervical mucus collected two to three hours after intercourse with Ovaprene in place.1

Using a surrogate marker for contraceptive effectiveness, the PCT study showed similar results to products that later demonstrated "typical use" contraceptive effectiveness of 86-91%\*



\*In PCT studies of similar size, products (diaphragms) that demonstrated no motile sperm in the cervical mucus during PCT assessments later demonstrated "typical use" contraceptive effectiveness of 86-91% in pivotal contraceptive studies evaluating pregnancy rates over six-month periods.<sup>2</sup>



# Ovaprene® - U.S. Regulatory Strategy<sup>1</sup>

Based on our communications to date with the FDA, if successful, we believe only **this single ongoing** registration study will be sufficient to support a premarket approval application submission\* with the FDA.

#### Pivotal study design<sup>2</sup>

- This is a non-comparative study meaning all women will use Ovaprene
   there is no placebo
- Target approximately 250 subjects to complete ~12 months (13 menstrual cycles) of use

#### Primary objective

 Typical use pregnancy rate over 13 menstrual cycles (estimated Pearl Index)

#### Secondary objectives

- 13-cycle typical use cumulative pregnancy rate
- Safety, acceptability, product fit/ease of use, vaginal health

\*Premarket approval (PMA) strategy; the Center for Devices and Radiological Health (CDRH) as lead review division.

#### Pivotal study enrollment

- Recruitment is currently underway at 10 sites across the US, supported by a central advertising campaign for the study that launched in March 2024.
- Based on current average enrollment rate, we anticipate ~125 women (50% of our target number of participants to complete the study) will complete ~6 months of product use by the end of Q2 2025.
- Foundation grant announced in November 2024 will fund additional clinical sites which is expected to accelerate the overall study timeline.



ovaprenestudy.com

Anticipated regulatory pathway and timelines. Clinicaltrials.gov ID: NCTo6127199



# Ovaprene® - Commercial License Agreement with Bayer

January 2020 - Bayer, which markets the \$1 billion Mirena contraceptive franchise, and Daré announced the execution of a license agreement under which Bayer may commercialize Ovaprene investigational contraceptive in the US once approved by FDA<sup>1</sup>.



We believe the licensing agreement with Bayer is validation of our broader corporate strategy and confirmation of Ovaprene's market potential, if approved, as the first monthly non-hormonal contraceptive product in the US market.

Bayer received the right to obtain exclusive US rights to commercialize the product, following completion of the pivotal clinical trial if Bayer, in its sole discretion, pays Daré \$20 million.<sup>2</sup>

Daré may receive up to \$310 million in commercial milestone payments, plus double-digit, tiered royalties on net sales.<sup>2</sup>

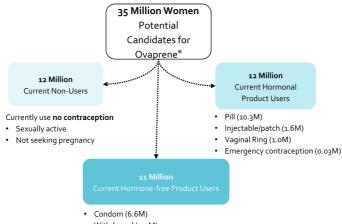
Bayer supports the development and regulatory process by providing up to two full-time equivalents (internal experts) in an advisory capacity, which gives Daré access to their global manufacturing, regulatory, medical and commercial expertise.

https://www.mirena-us.com/: supported by 2014-2016 SHS data.

https://ir.darebioscience.com/news-releases/news-releases-details/bayer-and-dare-bioscience-announce-exclusive-licensing-agreements.
 Minority interest in \$20 million payment and royalities on Quagreen set sales subject to synthetic royality nurchase agreement (April 2026).



# Ovaprene® - Potential U.S. Market Opportunity¹,²



- Withdrawal (4.0M)
- Spermicide/diaphragm (o.o6M)
- Rhythm/natural family planning (0.5M)



#### Daré's Potential First-in-Category Treatment for Female Sexual Arousal Disorder (FSAD)

Female Sexual

 $\textbf{FSAD} \ is \ characterized \ primarily \ by \ inability \ to \ attain \ or \ maintain$ sufficient genital arousal during sexual activity.1

FSAD should be distinguished from other sexual disorders characterized in the DSM, such as orgasmic disorder (anorgasmia) and hypoactive sexual desire disorder (HSDD), which is characterized as lack or absence of sexual fantasies and desire for sexual activity for some period of time.<sup>2,3</sup>

Meta-analysis of 95 studies from 2000-2014 indicated prevalence of female sexual dysfunction in premenopausal women worldwide is 41%, and difficulty with arousal alone is 23%.4



of U.S. women aged 21 to 60 (~ **20 million** women), experience symptoms of low or no sexual arousal.5,6



women are considered distressed and actively seeking treatment.5



### Path Forward for Sildenafil Cream

#### Key Takeaways-Phase 2b Clinical Study

- The Phase 2b Clinical Study was designed to evaluate Sildenafil Cream vs. placebo over 12 weeks.
  - To Daré's knowledge, this was the first study specifically evaluating a potential therapy for treatment of FSAD.
- Post-hoc analyses showed that Sildenafil Cream significantly improved (P=0.04) arousal sensation (SFQ28-arousal domain patient reported outcome) and demonstrated additional clinically meaningful benefits in a patient population with FSAD with or without concomitant decreased desire, a subset of the ITT population.<sup>1</sup>

Post-Hoc Analyses for FSAD With or Without Concomitant Decreased Desire Subset Population

puiu			
Endpoint*	Sildenafil Cream 3.6%	Placebo Cream	P value
SFQ 28 Responses			
Arousal Sensation Domain†	2.03 (0.62)	0.08 (0.71)	0.04
Desire Domain	1.27 (0.76)	-0.89 (0.86)	0.06
Orgasm Domain	1.12 (0.49)	0.18 (0.52)	0.19
FSDS-DAO Responses			
Item 3 Guilt	-0.73 (0.16)	-0.23 (0.17)	0.04
Item 5 Stressed	-0.50 (0.16)	-0.02 (0.16)	0.04
Item 10 Embarrassed	-0.51 (0.17)	0.00 (0.17)	0.04
Item 14 Concerned†‡	-0.27 (0.18)	-0.12 (0.20)	0.58

# Clinical Development Plan and Commercialization Opportunity

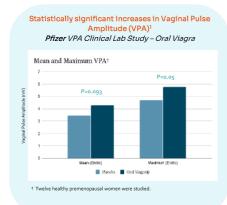
- Sildenafil Cream has potential to be a first-in-category option with significant commercial opportunity as there currently are no FDA approved treatments for FSAD.
- Daré intends to leverage existing safety data for sildenafil to utilize the FDA's 505(b)(2) pathway to obtain marketing approval for Sildenafil Cream in the U.S.
- End-of-Phase 2 meeting with the FDA completed, Phase 3 plans announced in Q4 2024.
  - Two successful Phase 3 trials will be required to support a New Drug Application (NDA) submission for the treatment of FSAD.
  - Phase 3 study protocol and statistical analysis plan submission reflecting the FDA's recommendations planned for Q1 2025:
    - Patients with FSAD with or without concomitant decreased desire
    - 12-week double-blind treatment period evaluating Sildenafil Cream compared to placebo cream
    - Co-primary efficacy endpoints assessing (1) arousal sensations and (2) associated distress; the same co-primary endpoints used in the Phase 2b RESPOND study
    - Secondary endpoints to assess improvement in orgasm, desire, and distress and interpersonal difficulties will be included, as they were in the Phase 2b RESPOND study
  - Targeting mid-2025 for Phase 3 study start

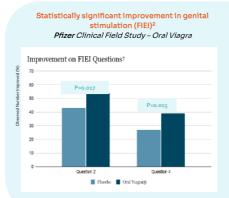
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. Johnson, et al. Obstetrics & Gynecology 144(2):p 144-152, August 2024. See slides 30-31 for more information on the exploratory Phase 2b clinical study. \*All endpoints in this table are least squares mean change (standard error) from baseline to end of study (Week 12). 1Co-primary endpoint Previously reported as -0.21 (0.16) / -0.22 (0.16) / -0.22 (0.16) / 0.95. See slide 31 for more information.



# Oral Sildenafil provided a compelling proof of concept for FSAD





† Question #2 – "After taking study medication, the sensation/feeling in my genital (vaginal, labia, clitoris) area during intercourse or stimulation (foreplay) seemed to be: (a) more than before, (b) less than before, or (c) unchanged."

Question #4 - "After taking the study medication, intercourse and/or foreplay was: (a) pleasant and satisfying; better than before taking the study medication, (b) unpleasant; worse than before taking study medication, (c) unchanged; no difference, or (d) pleasant; but still not like it used to be or I would like it to be."

202 postmenopausal women with FSAD who had protocol specified estradiol and free testosterone concentrations, and/or were receiving estrogen and/or androgen replacement therapy were studied.

#### Key Takeaways of Viagra® studies:

- Increased blood flow and clinical efficacy observed with oral sildenafil (Viagra®) in women.
- The side effect profile of the oral formulation was not optimal for women leading to the exploration of alternative delivery options including a topical route



# Overview of Phase 2b Study

Phase 2b, Exploratory, Randomized, Placebo-Controlled, Trial of Sildenafil Cream 3.6% for the Treatment of Female Sexual Arousal Disorder in Healthy Premenopausal Women (#NCTO4948151) – N=200 Randomized, 101 Sildenafil Cream vs 99 Placebo



Co-Primary Endpoints: Change from baseline (BL) in Sexual Function Questionnaire (SFQ28) Arousal Sensation (AS) Domain and Female Sexual Distress Scale-Desire, Arousal, Orgasm (FSDS-DAO) Question 14

Secondary Endpoints: Change from BL in number & proportion of satisfactory sexual events (SSEs)

Several Exploratory Endpoints: Including SFQ28 Desire and Orgasm Domains, and FSDS-DAO Questions

Exit Interviews (EIs): Els were performed to better understand qualitatively what constitutes a meaningful change on the SFQ28-AS domain, Arousal Diary AS domain, FSDS-DAO Question 14, Patient Benefit Evaluation (PBE), and what constitutes meaningful improvement on the Patient Global Impression of Change (PGI-C), the PGI-C in Satisfactory Sexual Events (PGI-C SSE), and Patient Global Impression of Severity (PGI-S).

Evaluation of Recall Period: At the end of the no drug run in and at the end of the single blind placebo run in, the correlation between the 24-hour recall period and the 4-week recall period was evaluated for all patients who completed both the Arousal Diary, the FSDS-DAO, and the SFQ28. Additionally, at the same intervals, a subset of patients selected randomly via interactive response technology, who completed the FSDS-DAO and the SFQ28 but did not complete the Arousal Diary, were evaluated to investigate whether completeion of the diary questions influences how the patient answers FSDS-DAO Question 14 and the SFQ28 AS domain scores. These patients completed the entire study but did not complete the Arousal Diary throughout the study. These patients did not affect the primary study objectives as they were not included in the analysis of the coprimary endpoints.

Establish Partner Safety: The sexual partners were enrolled in the study such that partner safety could be established.



# Phase 2b - Exploratory Post-Hoc Analyses\*

- Post-hoc analyses were conducted on enrollment female sexual dysfunction diagnosis category so that efficacy could be evaluated in the study subpopulations based on concomitant diagnoses, such that the patient population most likely to benefit from the mechanism of action of Sildenafil Cream, 3.6% could be determined for the Phase 3 program
- In the ITT population, although not statistically significant, the Sildenafil Cream, 3.6% group (N=69) demonstrated greater improvement than the Placebo Cream group (N=59) in change from baseline (BL) to end of study (Week 12) in SFQ28 Arousal Sensation (AS) domain (1.1 versus 0.8 respectively, P=0.6)
- When this SFQ28 AS domain efficacy assessment was performed excluding study participants with inability to orgasm and subjects suffering from vaginal pain, both indications that could have other underlying causes beyond the arousal dysfunction, the improvement in the Sildenafil Cream, 3.6% group was above the recommended meaningful within patient change and statistically significant compared to the minimal improvement in the placebo cream group

Post-Hoc Analysis Results from Proposed Phase 3 population: FSAD with or without concomitant decreased desire

Endpoint	Sildenafil Cream 3.6% (N=33)	Placebo Cream (N=32)	P value
	LS change (SE) from BL to Week 12	LS change (SE) from BL to Week 12	
SFQ28 Arousal Sensation Domain*	2.03 (0.62)	0.08 (0.71)	0.04
SFQ28 Desire Domain	1.27 (0.76)	-0.89 (0.86)	0.06
SFQ28 Orgasm Domain	1.12 (0.49)	0.18 (0.52)	0.19
FSDS-DAO – Item 3 Guilt	-0.73 (0.16)	-0.23 (0.17)	0.04
FSDS-DAO – Item 5 Stressed	-0.50 (0.16)	-0.02 (0.16)	0.04
FSDS-DAO — Item 10 Embarrassed	-0.51 (0.17)	0.00 (0.17)	0.04
FSDS-DAO – Item 14 Concerned*‡	-0.27 (0.18)	-0.12 (0.20)	0.58

LS, least squares; SE, standard error

\*See also Johnson, et al. Obstetrics & Gynecology 144(2):p 144-152, August 2024.

<sup>\*</sup>Co-primary endpoint. \$Previously reported as -0.21 (0.16) / -0.22 (0.16) / 0.95. New calculations will be used for Phase 3 planning; data on file. New analysis excludes from the calculation a pre-planned Evaluation of Recall Subset (ERS) group of patients who provided patient reported outcomes via the 1-month recall instruments but did not provide data via the 24-hour recall eDiary. This ERS is excluded from the primary endpoint analysis (SFQ28-AS and FSDS-DAO #14).



# Sildenafil Cream, 3.6%

#### Phase 1 and Phase 2a Study Results

#### Phase 1 Study of SST-6007 (Sildenafil Cream, 3.6%)<sup>1</sup>

Normal healthy postmenopausal women were dosed with escalating doses of Sildenafil Cream, 3.6%, using a cross-over study design

Sildenafil Cream had significantly lower systemic exposure compared to a  $50\ mg$  oral sildenafil dose:

- AUC-3-6%
- Cmax 1–2%

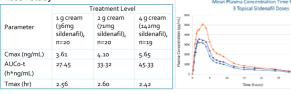
Sildenafil Cream was safe and well tolerated at clinically relevant doses (1-2g):

- Favorable product characteristics as self-reported by subjects
- Easy to use
- · Readily absorbed

#### Phase 2a Study of SST-6007(Sildenafil Cream, 3.6%)1

 Demonstrated increased blood flow in the genital tissue compared to placebo (mean change in VPA analysis) in 31 women (pre and postmenopausal) ~30 minutes post dosing

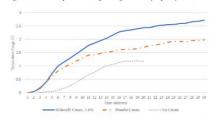
#### Phase 1 Study



#### Thermography Study Results\*

- Demonstrated time to effect (11-15 minutes)
- Positive cognitive arousal responses were noted
- Significantly greater increases in genital temperature after application of Sildenafil Cream compared to placebo cream
- Significantly greater self-reported arousal responses reported during Sildenafil Cream visits compared to placebo cream visits

Statistically significant greater linear slope during minutes 11-15 of the sexually explicit stimuli as compared to the placebo cream for the vestibule.

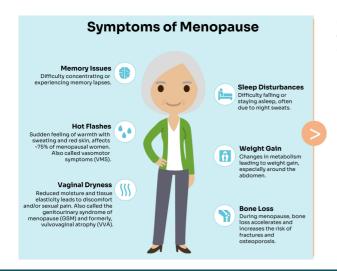


Thermography Study Design & Methodology (N=6)2

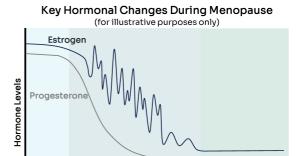
Phase 1, single-dose, double-blind, placebo-controlled, 2-way crossover study evaluating the feasibility of using thermography to assess the pharmacodynamics of Sildenafil Cream, 3.6% in normal healthy women. The study required 3 visits and a follow up contact: Visit 1 (screening), Visits 2-3 (double-blind dosing) and a phone call (safety follow-up).

- sitive cameras capable of detecting and recording t

# What Causes Menopause?



During perimenopause, the supply of mature eggs in a woman's ovaries diminishes and ovulation becomes irregular. The **production of estrogen and progesterone also decreases**. The changes in estrogen in particular cause most of the symptoms of menopause.<sup>1</sup>



Perimenopause

For the treatment of VMS, the Menopause Society recommends delivering **both estrogen and progesterone**, simultaneously, for women with an intact uteri, and states that **non-oral routes of administration** may offer potential advantages.<sup>2</sup>

There are **no FDA-approved products** that combine both **estradiol and progesterone in a non-oral monthly form.** 

Pre-menopause

1. https://www.hopkinsmedicine.org/health/conditions-and-diseases/introduction-to-menopause

https://www.menopause.org/docs/default-source/professional/nams-2022-hormone-therapy-position-statement.pd

Post-menopause



# Daré Menopause Programs

Hormone Therapy Product Candidate

DARE-HRT1 Monthly Vaginal Ring for the Vasomotor Symptoms of Menopause

Phase 1 / 2 study completed; IND related activities to support a single Phase 3 study underway.



Bioidentical estradiol & progesterone in one product



Highly acceptable, non-oral dosage form

- In the Ph1/2 study, DARE-HRT1 demonstrated statistically significant improvement in VMS as well as the genitourinary symptoms of menopause, and vaginal pH and maturation index.1
- DARE-HRT1 had a high level of acceptability in the Ph1/2 study, with over 80% of subjects on the lower and higher dose versions of DARE-HRT1 reporting the IVR as comfortable or very comfortable. Additionally, over 80% of subjects in each IVR dose group stated they were either somewhat or very likely to use the IVR for a women's health condition or disease if needed.1

#### Hormone-Free Product Candidate

DARE-VVA1 Vaginal Inserts for Painful Intercourse Associated with GSM

Phase 1/2 study completed; IND cleared. Activities to support Phase 2 study underway.

For women who cannot or choose not to use hormones, there is interest in non-hormonal products, especially targeting to the breast cancer population.

Bayer and Astellas are pursuing studies of their nonhormonal VMS products specifically in breast cancer populations.

Tamoxifen is commonly prescribed by oncologists in the treatment of hormone receptor positive (HR+) breast cancer, as it blocks estrogen activity in breast tissue.2 However, studies have shown an inverse effect in vaginal tissue where it has demonstrated estrogen-like effects on vaginal epithelium which could counter the physiological changes that lead to GSM.

The Ph1/2 study demonstrated safety and tolerability of DARE-VVA1, as well as improvement in vaginal cytology & the bothersome vaginal symptoms associated with

e usustrus FLA approval is achievable via the 505(b)(2) pathway supported by a single, placebo-controlled, Phase 3 clinical trial is tified PK "bridge" (via a relative bioavailability trial) between DARE-HRT1 and the selected listed astradiol and progesterone drugs rman, et al. Menopause 30(8):p 817-823, August 2023.

Cleveland Clinic: Tamoxifen. https://my.clevelandclinic.org/health/treatments/9785-tam
 Thurman, et al. Climacteric Volume 26, 2023 - Issue 5



- There are currently no FDA-approved, nonsurgical pharmaceutical interventions to treat HPV-related cervical dysplasia.
- There are no FDA-approved treatments for HPV infection.
- DARE-HPV is a proprietary fixed-dose formulation of lopinavir and ritonavir in a soft gel vaginal insert.
- Phase 1 and proof-of-concept studies have been completed.
- Activities to support IND filing to enable progression to Phase 2 clinical development underway supported by a two-year ARPA-H Launchpad Award.

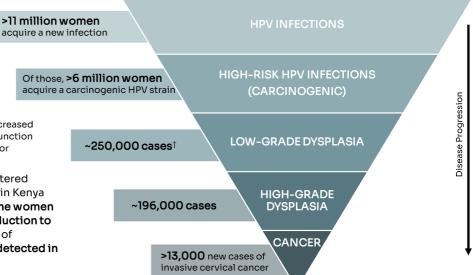




# Safe and Effective HPV Treatments Remain an Unmet Need

- HPV is the most common sexually transmitted infection in the United States.
- Today, cervical precancers (dysplasia) are monitored until they reach a late stage, since the most common treatment is a surgery which removes part of the cervix.
  - This surgery is associated with an increased risk of preterm birth and sexual dysfunction and therefore is not recommended for patients with fertility concerns.
- In a pilot study of vaginally-administered lopinavir and ritonavir in 23 women in Kenya with high-grade dysplasia, 78% of the women demonstrated no dysplasia or a reduction to low-grade dysplasia after 12 weeks of treatment, and HPV was no longer detected in 52% of the women.<sup>2</sup>

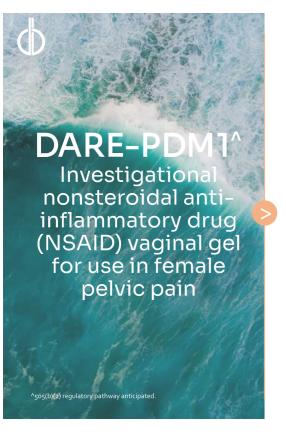
HPV-Related Cervical Diseases per year in the U.S.1



<sup>1.</sup> Estimates based on the following sources: Lewis, et al. Estimated Prevalence and Incidence of Disease – Associated Humaniums Types Among 15-58-Pear-Olds in the United States, Sex Trans Dis, 2021 Apr 1; 48(4):273-277. Henk, et al. "Incidence and costs of cervical intraepithelial neoplasia in a US commercially insured population." | Low Gent Tract Dis. 2010 Inst. 147(1):29-36. CDC. Estimated Number of Cases of High Grand Cervical Lesions Disgogreed Among Women — United States, 2008 and 2016 https://www.cdc.gov/mmwr/volumes/68/wr/mm6815a1.htm Accessed 16 Oct 2024.

American Cancer Society Key Statistics on Cervical Cancer, https://www.cancer.org/cancer/types/c

Estimate calculated from CIN1 and CIN2/3 annual incidence of 1.6 and 1.2 per 1,000 women, respectively (Henk, 2010) and CIN2 cases per year (CDC). 196,000 / 1.2 \* 1.6 = 261,333 cases of CIN1 per ye



### Pelvic pain in women is often overlooked and undertreated.

While DARE-PDM1 is currently being developed for regulatory approval for the indication of primary dysmenorrhea (period pain), NSAIDs are a key component to the multimodal treatment approaches for pelvic pain caused by many gynecologic conditions.



- DARE-PDM1 utilizes Daré's proprietary bioadhesive hydrogel technology, which is designed to increase the vaginal residence of the product.
- Localized dosing of a vaginal gel should minimize gastrointestinal side effects associated with oral dosage forms.



## **XACIATO Selected Safety Information**

- · XACIATO is contraindicated in individuals with a history of hypersensitivity to clindamycin or lincomycin.
- Clostridioides difficile-associated diarrhea (CDAD) has been reported with use of nearly all antibacterial agents, including clindamycin, and may range in severity from mild diarrhea to fatal colitis. Careful medical history is necessary since CDAD has been reported to occur over 2 months after the administration of antibacterial agents. If CDAD is suspected or confirmed, ongoing antibacterial use not directed against C. difficile may need to be discontinued.
- Polyurethane condoms are not recommended during treatment with XACIATO or for 7 days following treatment. During
  this time period, polyurethane condoms may not be reliable for preventing pregnancy or for protecting against
  transmission of HIV and other sexually transmitted diseases. Latex or polyisoprene condoms should be used.
- XACIATO may result in the overgrowth of Candida spp. in the vagina resulting in vulvovaginal candidiasis, which may require antifungal treatment.
- The most common adverse reactions reported in >2% of patients and at a higher rate in the XACIATO group than in the
  placebo group were vulvovaginal candidiasis and vulvovaginal discomfort.
- XACIATO has not been studied in pregnant women. However, based on the low systemic absorption of XACIATO
  following the intravaginal route of administration in nonpregnant women, maternal use is not likely to result in
  significant fetal exposure to the drug.
- There are no data on the effect of clindamycin on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for clindamycin and any potential adverse effects on the breastfed child from clindamycin or from the underlying maternal condition.
- Please see the <u>Prescribing Information</u>, <u>Patient Information</u>, and <u>Instructions for Use</u>.



