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): September 26, 2016

	TherapeuticsMD, Inc.	
	(Exact Name of Registrant as Specified in its Charter)	
Nevada	001-00100	87-0233535
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(IRS Employer Identification No.)
	6800 Broken Sound Parkway NW, Third Floor Boca Raton, FL 33487	
	(Address of Principal Executive Office) (Zip Code)	
Re	gistrant's telephone number, including area code: (561) 961-1900	
Check the appropriate box below if the Form 8-K fili (<i>see</i> General Instruction A.2 below):	ng is intended to simultaneously satisfy the filing obligation of t	he registrant under any of the following provision
$\ \square$ Written communications pursuant to Rule 425 und	er the Securities Act (17 CFR 230.425)	
$\ \square$ Soliciting material pursuant to Rule 14a-12 under t	he Exchange Act (17 CFR 240.14a-12)	
\square Pre-commencement communications pursuant to F	tule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
\square Pre-commencement communications pursuant to F	tule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	

Item 7.01. Regulation FD Disclosure.

TherapeuticsMD, Inc. is furnishing as Exhibit 99.1 to this Current Report on Form 8-K an investor presentation which will be used, in whole or in part, and subject to modification, on September 26, 2016 and at subsequent meetings with investors or analysts.

The information in this Current Report on Form 8-K (including the exhibit) is being furnished pursuant to Item 7.01 of Form 8-K and shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor will any of such information or exhibits be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, except as expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

Number Description

99.1 <u>TherapeuticsMD, Inc. presentation dated September 2016.</u>

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.

Date: September 26, 2016 THERAPEUTICSMD, INC.

By: /s/ Daniel A. Cartwright

Name: Daniel A. Cartwright
Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit

Number <u>Description</u>

99.1 <u>TherapeuticsMD, Inc. presentation dated September 2016.</u>



TherapeuticsMD.com

THER-0086 8/16

Forward-Looking Statements

This presentation by TherapeuticsMD, Inc. (referred to as "we" and "our") may contain forward-looking statements. Forward-looking statements may include, but are not limited to, statements relating to our objectives, plans and strategies, as well as statements, other than historical facts, that address activities, events or developments that we intend, expect, project, believe or anticipate will or may occur in the future. These statements are often characterized by terminology such as "believe," "hope," "may," "anticipate," "should," "intend," "plan," "will," "expect," "estimate," "project," "positioned," "strategy" and similar expressions and are based on assumptions and assessments made in light of our managerial experience and perception of historical trends, current conditions, expected future developments and other factors we believe to be appropriate.

Forward-looking statements in this presentation are made as of the date of this presentation, and we undertake no duty to update or revise any such statements, whether as a result of new information, future events or otherwise. Forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties, many of which may be outside of our control. Important factors that could cause actual results, developments and business decisions to differ materially from forward-looking statements are described in the sections titled "Risk Factors" in our filings with the Securities and Exchange Commission, including our most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q, as well as our current reports on Form 8-K, and include the following: our ability to maintain or increase sales of our products; our ability to develop, protect and defend our intellectual property; our ability to develop and commercialize our hormone therapy drug candidates and obtain additional financing necessary therefore; whether the FDA will accept and, if accepted, approve the company's new drug application for its TX-004HR product candidate; the length, cost and uncertain results of our clinical trials; potential adverse side effects or other safety risks that could preclude the approval of our hormone therapy drug candidates; our reliance on third parties to conduct our clinical trials, research and development and manufacturing; the availability of reimbursement from government authorities and health insurance companies for our products; the impact of product liability lawsuits; the influence of extensive and costly government regulation; the volatility of the trading price of our common stock; and the concentration of power in our stock ownership.

Yuvvexy[™] (TX-004HR), TX-001HR, TX-005HR, and TX-006HR are investigational drugs and are not approved by the FDA. This non-promotional presentation is intended for investor audiences only.

PDF copies of press releases and financial tables can be viewed and downloaded at our website: www.therapeuticsmd.com/pressreleases.aspx.

Therapeutics MD° (TXMD)

Innovative women's health company exclusively focused on developing and commercializing products for women throughout their life cycles



Drug candidate portfolio is built on SYMBODA™ technology for the solubilization of bio-identical female hormones

Therapeutics MD*

Two Late-Stage Women's Health Assets with Large Total Addressable Market Opportunities

YuvvexyTM

Moderate to Severe Dyspareunia, a Symptom of VVA, due to Menopause

VVA due to Menopause

Bio-Identical 17 β-Estradiol

Vaginal softgel capsule

Negligible systemic exposure, early onset of action, ease of use

32 million women^{1,2}

>\$20B5

NDA submitted July 7, 2016
PDUFA target action date: May 7, 2017

TX-001HR



Moderate to Severe Hot Flashes due to Menopause

Menopause

Bio-Identical 17 β-Estradiol + Bio-Identical Progesterone

Oral softgel capsule

Potential first and only bio-identical FDA-approved combination product

36 million women³

>\$25B4,5

Pivotal Phase 3 topline data expected 4Q 2016

Proposed Indication

Condition Description

Active Ingredients

Form

Key Value Proposition

Affected US Population

US TAM Opportunity

Therapeutics MD^o

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The North American Menopause Society. Management of symptomatic vulvovaginal atrophy: 2013 position statement of The North American Menopause Society. Management of Symptomatic vulvovaginal atrophy: 2013;20(9):888-902

²⁾ Gass ML, Cochrane BB, Larson JC, et al. Patterns and predictors of sexual activity among women in the hormone therapy trials of the Women's Health Initiativ

Menopouse, 2011;18(11):11b0 3) Derived from H.S. Census data

⁴⁾ Based on pre-WHI annual scripts of FDA-approved HT

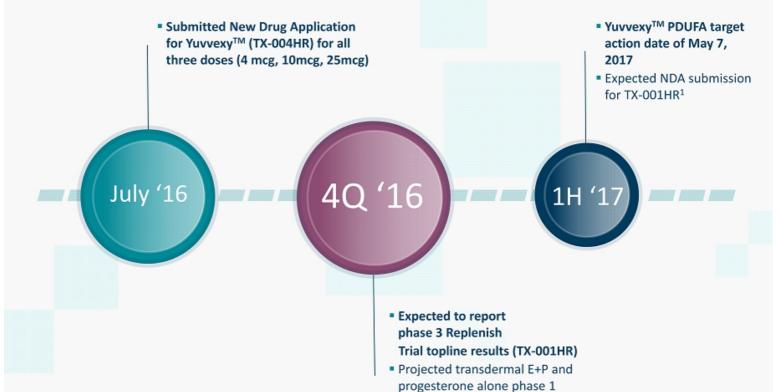
Based on current FDA-approved market pricing

Investigational Pipeline

Pre-Clinical Phase 1 Phase 2 Phase 3 PDUFA Date TX-004HR Q4 2016 Oral Combination: 17ß-estradiol + Progesterone TX-001HR Transdermal TX-005HR Q4 2016 Progesterone Transdermal 17ß-estradiol TX-006HR Q4 2016 + Progesterone

Therapeutics MD*

Key Accomplishments and Anticipated Milestones



results

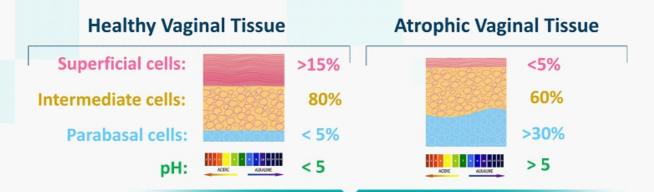
1) NDA to be submitted assuming successful results of Replenish tria

Therapeutics MD°



Overview – Vulvar and Vaginal Atrophy (VVA)

- Chronic and progressive condition characterized by thinning of vaginal tissue from decreased estrogen levels
- Diagnosed in approximately 50% of postmenopausal women¹
- Primary symptom = dyspareunia
- Secondary symptoms include: dryness, itching, irritation, dysuria, bleeding with sexual activity
- Current treatments include: prescription creams, lubricants and tablets



 Kingsberg, Sheryl A., et al. "Vulvar and Vaginal Atrophy in Postmenopausal Women: Findings from the REVIVE (REal Women's Views of Treatment Options for Menopausal Vaginal Changés) Survey." International Society for Sexual Medicine 2013, no. 10, 1790-1799. Therapeutics MD*

Current FDA-Approved VVA Competitive Landscape

- U.S. sales more than doubled since 2008¹
- Global market expected to be \$2.1 billion in 2022
- Currently no generic competition Vagifem AG expected October 2016
- 7% current market penetration

Product ²	Company	Compound	2015 TRx (000) ¹	2015 U.S. Sales (\$MM) ¹	WAC Price ³
Premarin* Cream	Pfizer	Conjugated equine vaginal estrogen	1,615	\$502	\$288.40
Vagifem® Tablets	Novo Nordisk	Vaginal estradiol	1,620	\$456	\$382.86*
Estrace® Cream	Allergan	Vaginal estradiol	1,548	\$420	\$263.81
Osphena® Tablets	Shionogi	Oral SERM	263	\$66	\$530.07
Estring® Ring	Pfizer	Vaginal estradiol ring	284	\$91	\$310.44
Total			5,330	\$1,535	

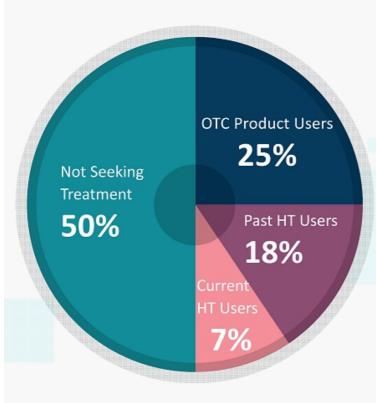
¹⁾ Symphony Health Solutions PHAST Prescription Monthly Powered by IDV, 12 months as of December 31, 2015

All trademarks are the property of their respective owners

²⁾ Ferming data is excluded due to VMS indication.
3) Marti-Span Price Rv. Resigns of 4/03/16. * for 18 refuer / 5170 16 WAC for 8 refu

Medi-Span Price Rx Basic as of 4/01/16. * for 18 tablets (\$170.16 WAC for 8
 Global Data July 2013 report GDHC54PIDR

Current VVA Market Overview



32MM Women with VVA Symptoms^{1,2}

~50% of women seek treatment for VVA4

- 7%, or 2.3MM women, are currently being treated today with Rx hormone therapy (HT)³
- 18%, or 5.7MM women, have tried HT and were unsatisfied/unsuccessful⁴
- 25%, or 8MM women, use OTC products**, such as lubricants⁴

>\$20B Branded Total
US Market Opportunity⁵

 The North American Menopause Society, Management of symptomatic vulvovaginal atrophy: 2013 position statement of The North American Menopause Society. Menopause: 2013;20(9):888-902.

Gass ML, Cochrane BB, Larson JC, et al. Patterns and predictors of sexual activity among women in the hormone therapy trials of the Women's Health Initiativ
 Managemer 2011;18(11):1160-1121

Menopouse, 2011;18(11):1160–1171. II IMS Health Plan Claims (April 2008-Mar 20

IMS Health Plan Claims (April 2008-Mar 2011).
 TherapeuticsMD "EMPOWER" Survey, 2016

ij Based on current FDA-approved market pricing

t treated with an FDA approved Re-product. OTC products do not effectively treat the underlying pathological causes of VVA and therefore do not halt or reverse the progression of this condition.

Therapeutics MD*

Current FDA-Approved VVA Product Use Falls Short

	Market Size	Perceived Product Shortcomings	VVA Market Opportunity
Current HT Users	2.3MM Women ² 7% of VVA Population	 Long-term safety concerns¹ Efficacy¹ Messiness¹ Need for applicator¹ 	>\$1.5B
Past HT Users	5.7MM Women ³ 18% of VVA Population	 Unsatisfied / unsuccessful with past treatments Physical and clinical attributes of existing products 	>\$3B
OTC Product Users	8MM Women ³ 25% of VVA Population	 Do not effectively treat the underlying pathological causes of VVA Do not halt or reverse symptoms 	>\$5B
Not Seeking Treatment	16MM Women 50% of VVA Population	 Not aware that VVA is a treatable condition Estrogen exposure concerns 	>\$10B

Wysorki, S et al, Management of Vaginal Arrophy: Implications from the REVIVE Survey. Clinical Medicine Insights: Reproductive Health 2014;8:23-30 doi:10.4137/CMRH.51449
 WS Modelb Districtions (Novel 2018, Nav 2014).

TherapeuticsMD "EMPOWER" Survey, 2016

$Yuvvexy^{TM} - TX-004HR$

- Small, digitally inserted, rapidly dissolving softgel capsule
- No applicator
- Proposed dose packaging to optimize compliance and convenience
- PDUFA target action date of May 7, 2017



YUVVEXY™ is an investigational drug and is not approved for use by the FDA.

Yuvvexy[™] – Potential Best In Class VVA Therapy

					,
	Premarin®	Vagifem®	Estrace®	Osphena®	Yuvvexy® (if approved)
Products			Diffe to	Osserin	Access of the second se
	Pfizer	novo nordisk	Allergan	SHIONOGI	Therapeutics MD*
Method of Admin	Vaginal Cream	Vaginal Tablet	Vaginal Cream	Oral Tablet	I Vaginal Capsule
Application	Reusable Vaginal Applicator	Vaginal Applicator	Reusable Vaginal Applicator	Oral Daily SERM	Digitally Inserted Softgel
Active Ingredient	625 mcg/g CEEs	10 mcg Estradiol	100 mcg/g Estradiol	60,000 mcg ospemifene	4, 10, 25 mcg 17β-estradiol
Avg Maintenance Dose	312.5 mcg 2x/week	10 mcg 2x/week	100 mcg 2x/week	60,000 mcg daily	4, 10, 25 mcg 2x/week
Onset of Action* <u>Dyspareunia</u>	Week 4+	Week 8	Approval Without Dyspareunia and	Week 12	Week 2
Onset of Action* <u>Dryness</u>	Not Demonstrated	week o	Dryness Data	Not Demonstrated	Week 2
*Onset of Action = First	efficacy observation				Easy to Use
					Easy to Prescribe

Negligible Systemic Exposure

Based on Product Prescribing Information Not Head-to-Head Comparative Studies

YuvvexyTM - Designed for Long Term Compliance

Current Market

Vaginal Creams:

Mean Duration of Use:
1.5 Months²



Reasons Women Stop

Messiness1

Reusable Applicator¹

Long-term Safety¹

Dose Preparation by User Required³

Yuvvexy

Muco-adhesive, Dissolves Quickly and Completely

No Applicator and No Dose Preparation

Onset-of-Action (Efficacy observed at 2 weeks)

Negligible Systemic Exposure

95% Patient Satisfaction in a Market with Historically Low Compliance Rate

Vaginal Tablets:

Mean Duration of Use: 3.5 Months²



Reasons Women Stop

Efficacy¹

Applicator¹

Long-term Safety¹

Systemic Absorption¹

Potential Long Term Usage



1) Wysocki, S et al, Management of Vaginal Atrophy: Implications from the REVIVE Survey. Clinical Medicine Insights: Reproductive Health 2014;8:23-30 doi:10.4137/CMRH.514498

 The North American Menopause Society, Management of symptomatic vulvovaginal atrophy; 2013 position statement of The North American Menopause Society Mesopause; 2013:20101-999-903

Co-Primary and Key Secondary Endpoints LS Mean Change from Baseline to Week 12 Compared to Placebo

	4 mcg	10 mcg	25 mcg
Superficial Cells	<0.0001	<0.0001	<0.0001
Parabasal Cells	<0.0001	<0.0001	<0.0001
Vaginal pH	<0.0001	<0.0001	<0.0001
Severity of Dyspareunia	0.0149	<0.0001	<0.0001
Severity of Vaginal Dryness	0.0014	<0.0001	<0.0001

MMRM P-value vs placebo

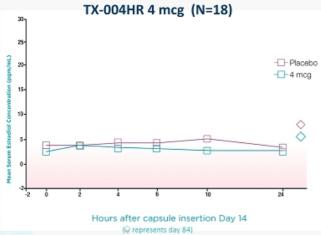
LS = Least Squares

Therapeutics MD*

Co-Primary and Key Secondary Efficacy Endpoints TX-004HR 4 mcg



Arithmetic Mean Estradiol Serum Concentrations - Unadjusted



	AUC ₀₋₂₄ (pg.h/mL)	C _{avg(0-24)} (pg/mL)
4 mcg	87.22 (42.77)	3.634 (1.78)
Placebo	104.16 (66.38)	4.34 (2.76)
P-value vs Placebo	0.3829	0.3829

LS Mean Change from Baseline to Week 12

4 mcg	LS Mean Change from Baseline to Week 12		P-value
	4 mcg	Placebo	
Superficial Cells	17%	6%	<0.0001
Parabasal Cells	-41%	-7%	<0.0001
Vaginal pH	-1.3	-0.3	<0.0001
Severity of Dyspareunia	-1.5	-1.3	0.0149
Severity of Vaginal Dryness	-1.27	-0.97	0.0014

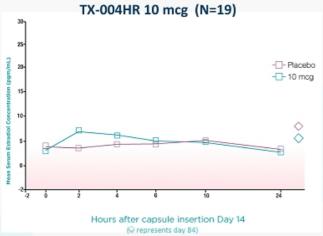
MMRM P-value vs placebo

LS = Least Squares REJOICE Trial Results Therapeutics MD*

Co-Primary and Key Secondary Efficacy Endpoints TX-004HR 10 mcg







	AUC ₀₋₂₄ (pg.h/mL)	C _{avg(0-24)} (pg/mL)
10 mcg	110.14 (54.57)	4.58 (2.27)
Placebo	104.16 (66.38)	4.34 (2.76)
P-value vs Placebo	0.7724	0.7724

LS Mean Change from Baseline to Week 12

10 mcg	LS Mean Change from Baseline to Week 12		P-value
	10 mcg	Placebo	
Superficial Cells	17%	6%	<0.0001
Parabasal Cells	-44%	-7%	<0.0001
Vaginal pH	-1.4	-0.3	<0.0001
Severity of Dyspareunia	-1.7	-1.3	<0.0001
Severity of Vaginal Dryness	-1.47	-0.97	<0.0001

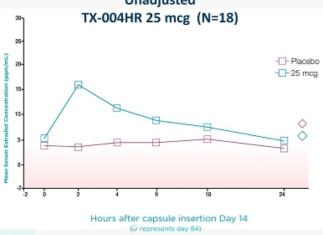
MMRM P-value vs placebo

LS = Least Squares REJOICE Trial Results Therapeutics MD°

Co-Primary and Key Secondary Efficacy Endpoints TX-004HR 25 mcg







	AUC ₀₋₂₄ (pg.h/mL)	C _{avg(0-24)} (pg/mL)
25 mcg	171.56 (80.13)	7.14 (3.33)
Placebo	104.16 (66.38)	4.34 (2.76)
P-value vs Placebo	0.0108	0.0108

LS Mean Change from Baseline to Week 12

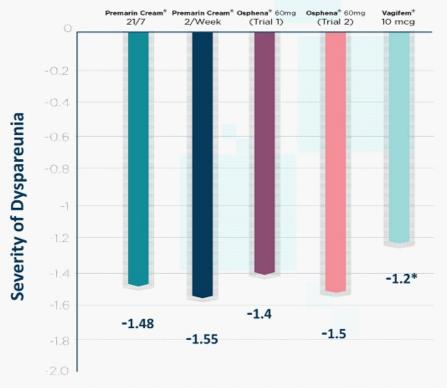
25mcg	LS Mean Change from Baseline to Week 12		P-value
	25 mcg	Placebo	
Superficial Cells	23%	6%	<0.0001
Parabasal Cells	-46%	-7%	<0.0001
Vaginal pH	-1.3	-0.3	<0.0001
Severity of Dyspareunia	-1.7	-1.3	<0.0001
Severity of Vaginal Dryness	-1.47	-0.97	<0.0001

MMRM P-value vs placebo

LS = Least Squares REJOICE Trial Results Therapeutics MD®

Unadjusted Change From Baseline Severity Score Dyspareunia

Based on Pivotal Clinical Data - Not Head-to-Head Comparative Studies



^{*}Composite score of most bothersome symptoms, including dyspareunia

vagirein ipackage lasel; http://www.novo-pi.com/vagirein.por Premarin Vaginal Cream [package label] http://labeling.pfizer.com/showlabeling.aspx?id=132 Estrace Vaginal Cream [package label] http://pi.actavis.com/data_stream.asp?product_group=1880&p=pi&language=E Osphena [package label] http://labeling.gfizer.com/showLabeling.aspx?id=567 All trademarks are the property of their respective owners Therapeutics MD*

Dyspareunia and Vaginal Dryness By Study Visit



Statistical Significance of Severity of Dyspareunia LS Mean Change from Baseline (by Study Visit)

4 mcg 10 mcg 25 mcg Week 2 0.026 0.0019 0.0105 Week 6 0.0069 0.0009 < 0.0001 Week 8 0.0003 < 0.0001 < 0.0001 Week 12 0.0149 < 0.0001 < 0.0001 Statistical Significance of Severity of Vaginal Dryness LS Mean Change from Baseline (by Study Visit)

	4 mcg	10 mcg	25 mcg
Week 2	0.1269	0.0019	0.0082
Week 6	0.0094	0.0001	0.0005
Week 8	0.0128	< 0.0001	0.0008
Week 12	0.0014	< 0.0001	< 0.0001

LS = Least Squares REJOICE Trial Results Therapeutics MD°

Efficacy and Onset of Action Not Head-to-Head Comparative Studies

	Premarin®	Vagifem®	Estrace®	Osphena®	Estring®
Onset of Action* Dyspareunia	Week 4+	Week 8 (composite score)	Approval without dyspareunia and dryness data	Week 12	Approval without dyspareunia and dryness data
Onset of Action* <u>Dryness</u>	Not demonstrated			Not demonstrated	

^{*}Onset of Action = First efficacy observation

Premarin Variant Gream [package label] http://labeling.pfizer.com/showfabeling.aspx?id=132

Estrace Vaginal Cream [package label] http://pi.actavis.com/data_stream.asp?product_group=1880&p=pi&language=E

Osphena [package label] http://www.shionogi.com/pdf/pi/osphena.pdf?400706572

Estring [package label] http://labeling.pfizer.com/ShowLabeling.aspx?id=567

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Yuvvexy[™] Qualitative Attributes



Ease of Use

	4 mcg (N=181)	10 mcg (N=181)	25 mcg (N=184)	Placebo (N=185)
Easy to Use	171 (94.5%)	172 (95.0%)	175 (95.1%)	164 (88.9%)
Patient Satisfaction				Overall p-value = 0.035
	4 mcg (N=181)	10 mcg (N=181)	25 mcg (N=184)	Placebo (N=185)
Very Satisfied	74 (40.1%)	84 (46.4%)	83 (45.1%)	41 (22.2%)
Satisfied	57 (31.5%)	55 (30.4%)	62 (33.7%)	68 (36.8%)
Unsure	23 (12.7%)	28 (15.5%)	21 (11.4%)	39 (21.1%)
Dissatisfied	19 (10.5%)	9 (5.0%)	12 (6.5%)	20 (10.8%)
Very Dissatisfied	8 (4.4%)	5 (2.8%)	6 (3.3%)	17 (9.2%)
Preferred vs Competition Overall p-value <0.0001				
	4 mcg (N=119)	10 mcg (N=113)	25 mcg (N=128)	
TX-004HR over previously used VVA therapies	73.9%	67.3%	74.2%	
P-value vs. Placebo	0.0010	0.0212	0.0003	

LS = Least Squares REJOICE Trial Results Therapeutics MD°

Physical and Clinical Attributes Enable Market Expansion

	Yuvvexy [™] Attributes Could Address Perceived Shortcomings of Current Products	Yuvvexy [™] Market Opportunity
Current HT Users	 Negligible systemic profile may give comfort for long term use REJOICE data: first efficacy observation for dyspareunia and dryness at two weeks No applicator No mess 	Market Share Gain
Past HT Users	 REJOICE data: 70%-95% patient satisfaction Ease of use could lead to less discontinuation Negligible systemic profile may give comfort for long term use Two week efficacy may increase refill rates past month 1 	Reintroduce HT
OTC Product Users	 Negligible systemic profile may alleviate fear of HT Dose pack helpful to physicians likely to prescribe HT Could eliminate need to see a specialist Ease of use profile 	New HT Users
Not Seeking Treatment	 Dose pack may reduce time for patient education on product use, making physicians more likely to initiate VVA conversation Could eliminate need to see a specialist Negligible systemic profile may enable access to a new demographic 	New HT Users

REJOICE Trial Results

Therapeutics MD°

Favorable Regulatory Dynamics Driven by Change in Treatment Paradigm

Removal of Black Box Warning

- Citizen's Petition, spearheaded by NAMS, for modification of black box warnings
- Nov. 2015 FDA "boxed warnings" workshop provided an opportunity for FDA to obtain input related to prescribing information of lower-dose estrogen alone products¹

Citizen's Petition Supporters:











Estrogen use in Breast Cancer Survivors

- ACOG released opinion stating it is safe for breast cancer survivors to use vaginal estrogen as data showed no increased risk²
- Health practitioners may now consider topical estrogen therapy for patients with a history of estrogen-dependent breast cancer



Changing Perception on Use of Estrogen

- Women's Health Initiative's Hormone Trials follow up concluded that the risk/benefit profile for estrogen use is positive³:
 - 63% lower risk of dying of breast cancer
 - 16% reduced risk of illness and death
 - Preventative for heart disease, diabetes, and other illnesses if started early











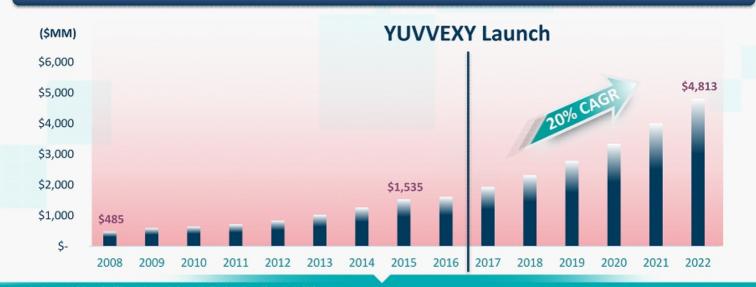


Future VVA HT Market

TherapeuticsMD VVA Market Goals

- Potential launch of Yuvvexy
- Increase market awareness for VVA and the associated symptoms
- Convert unsatisfied past users of HT therapy to satisfied patients on drug
- Increase market penetration among OTC product users
- Increase duration of use and patient compliance

Increase in market penetration and duration of use could lead to market size increase of >100% by 2022



Symphony Health Solutions PHAST Prescription Monthly Powered by IDV, 12 months as of December 31, 2015
 Global Data July 2013 report GDHC54PIDR.

Foundation Built for a Strong Launch

Operational leverage of OB/GYN relationships in key markets



50 Sales Representatives; Planned Increase to 150 With Launch of Yuvvexy™

Expect Robust Insurance Coverage For YuvvexyTM, If Approved, In-line with Product Class

4,312 Commercial Plans	% Unrestricted Acces Commercial Plans	Not Covered	
Premarin Cream®	94%	2%	
Estrace Cream®	96%	2%	
Vagifem [®]	90%	2%	
Estring®	93%	1%	

Data Source MMIT August 17, 2016 – 4,300 commercial plant All trademarks are the property of their respective owners.



Menopause Overview

- Menopause represents the natural life-stage transition when women stop having periods as the production of Estrogen (E) and Progesterone (P) decreases
 - Average age of menopause 51 years¹
 - Women will spend approximately half of their lives in this state
- May result in physical and emotional symptoms¹
 - Symptoms include hot flashes, night sweats, mood changes and vaginal dryness
 - Prolonged lack of estrogen can affect the bones, cardiovascular system, and increases risks for osteoporosis
- > Long history of Estrogen (E) and Progesterone (P) use
 - Estrogen and Progesterone have been used for over 50 years as treatment
 - Estrogen to reduce symptoms and other long-term conditions
 - Progesterone to prevent thickening of the uterine wall²
 - Increased risk for endometrial hyperplasia/endometrial cancer if estrogen unopposed²

National Institutes of Health, National Institute on Aging, https://www.nia.nih.gov/health/publication/menopause, last accessed November 3, 2019
 International Journal on Women's Health, http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3897322/

Evolution of U.S. HT Market Post WHI Study

July 2002 - Women's Health Initiative (WHI) study showed that synthetic hormones increased the risk of breast cancer, stroke, heart attack and blood clots



- Post WHI, women shifted to Bio-Identical Hormone Therapy (BHT) containing Natural Estradiol (E2) and Natural Progesterone (P4) as a safer alternative
 - All FDA-approved combination hormone products contain a synthetic progestin and not a natural progesterone
 - 110MM+ scripts of FDA-approved HT prescribed annually before 2002, declining to ~25MM in 2015¹
- Compounding filled the need and demand for BHT
 - 30MM scripts (1-2.5MM women) of Compounded BHT prescribed annually in the U.S. currently^{2,3}
- No FDA-approved BHT combination product of E2 + P4

2) Proprior of annual custom compounded hormone therapy prescription of oral and transfermal estradiol and progesterones taken combined and in combination (26MM to 33h 31 Proceptor). V. 2015. Menopouse: Vol.22, No.9, pp.0-11.

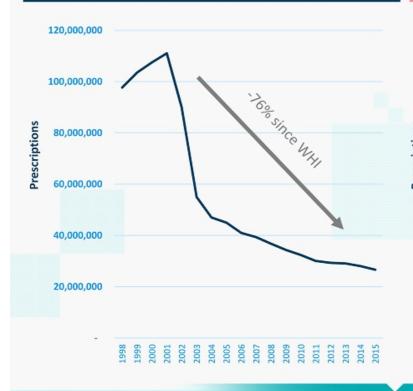
ricerton, J.M. 2015. Menopouse, Vol.22, No.9, pp 0-11.

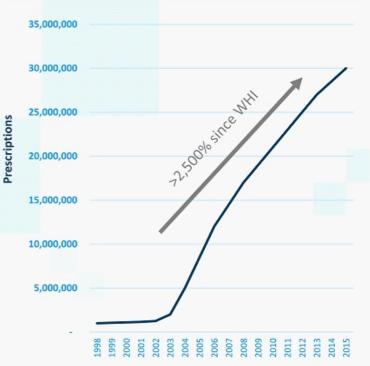
= Women's Health Initiative, DQSA = Drug Quality and Security Act, BHRT = Bio-Identical Hormone Replacement Therapy

Bio-Identical Hormones Are What Women and Doctors Want



Compounded Bio-identical Hormone Therapy Market^{2,3}





1) Symphony Health Solutions PHAST Data powered by IDV; 12 months as of December 31 201

2) The reported number of annual custom compounded hormone therapy prescription of oral and transformal estradiol and progesterones taken combined and in combination (26MM to 33MM, 33MM,

WHI = Women's Health Initiative, DQSA = Drug Quality and Security Act, BHRT = Bio-identical Hormone Replacement Thera

Compounded Bio-Identical HT: Why Has It Been So Successful?

	Synthetic Progestins	Bio-identical Progesterone	References	
	No benefits on sleep properties	Favorable CNS Profile	Freeman, E, et al. ¹	
	Increased risk of breast cancer	Favorable breast profile	E3N-EPIC ²	
	Increased risk of MI, Stroke, VTE	Favorable cardiovascular profile	PEPI ³ , ELITE ⁵	
	Less favorable lipid profile effects (cholesterol, LDL, triglycerides)	Favorable lipid profile	PEPI ³	
	Adequate endometrial protection	Adequate endometrial protection 🂎	PEPI ⁴	
	High incidence of bleeding	Low incidence of bleeding	Regidor, et al. ⁶	

But.....Compounded Products Pose Significant Risks

- Medical Societies' global consensus statement declares that the use of Custom-Compounded HT is not recommended¹
- ACOG and ASRM Committee Opinion states compounded hormones may pose additional risks compared to FDA-approved products²
 - Lack of efficacy and safety data
 - Lack of Good Manufacturing Practices (GMP)
 - Variable purity
 - Variable content uniformity
 - Variable potency (under/over dose)
 - Lack of stability
 - Unopposed E / Ineffective P leads to increased risk of endometrial hyperplasia / cancer









BNDOORNE 100 YEARS

Compounded Bioldenfical Hormones in Endocrinology Practice: An Endocrine Socie Scientific Statement



COMMITTEE OPINION

 Wilers, J.J. et al. Global Consensus Statement on Netropausal Hormone (Herapy, Comacters, June 2013, Vol. 1b, No. 3 1 Pages 515-557
 Committee on Gynecotogic Practice and the American Society for Reproductive Medicine Practice Committee, Number 532, August 201 [Reaffirmed 2014, Replaces No. 387, November 2007 and No. 322, November 2005).

Rationale for TX-001HR

Target Goals

Meet patient demand for bio-identical hormones

Meet FDA requirements for safe, effective, and clinically validated products

New lower effective dose

Labeling differentiation

Preliminary Supportive Data

Potential for first and only FDA-approved natural estradiol plus natural progesterone combination softgel capsule

Multiple FDA guidance documents released about unsafe use of compounded hormones

Broad range of doses being evaluated in Phase 3 Replenish Trial

Potential bio-identical terminology as both hormones similar to those produced by the ovary

TX-001HR Estradiol + Progesterone U.S. Development Timeline

Phase 3 Vasomotor & Endometrial Safety

NDA Prep/Filing/PDUFA

Phase 3 Trial¹: ~100 U.S. sites

Subjects: ~1750 fully enrolled as of October 2015

- Four active arms (N=400/arm)
 - Estradiol 1 mg/Progesterone 100 mg
 - Estradiol 0.5 mg/Progesterone 100 mg
 - Estradiol 0.5 mg/Progesterone 50 mg
 - Estradiol 0.25 mg/Progesterone 50 mg
- Control arm: Placebo (N=150)



- Vasomotor substudy: number and severity of hot flashes (4 weeks and 12 weeks)
- Endometrial safety: incidence of endometrial hyperplasia (12 months)
- As of August 4, 2016, approximately 1,642 subjects have exited the trial and the incidence of endometrial hyperplasia is less than 1%

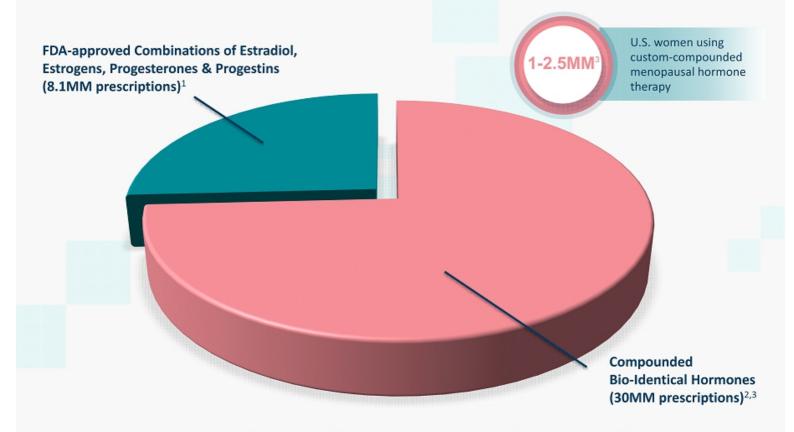
Topline results expected in the fourth quarter of 2016



Therapeutics MD*

https://clinicaltrials.gov/ct2/show/NCT01942668?term=replenish+trial&rank=1, last accessed November 3, 2015

Total HT Market = 38+MM Prescriptions



Potential First and Only FDA-Approved Bio-Identical Combination Product

								·/
			FDA A	pproved				If Approved
Products	Separate E+P	Activella® FemHRT® Angeliq®	Generic 17β + Progestins	Prempro® Premphase®	Duavee [®]	Brisdelle [®]	Compounded E+P	TX – 001HR
		Allergan	77377	Pfizer	Pfizer	PHARMACEUTIGALS, INC.	25,000 compounding pharmacies	Therapeutics MD*
Bio-Identical	✓	×	×	×	×	×	✓	✓
Safety Data with Endometrial Cancer Data	×	✓	✓	✓	✓	✓	×	✓
Combination	×	✓	✓	✓	✓	×	✓	✓
FDA-Approved	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	×	√ 3
Reimbursement	✓	✓	✓	✓	✓	✓	×	√ 4
Market Size	\$520MM	\$28MM	\$218MM	\$302MM	\$30MM	\$38MM	\$4.5B ²	
								×/

 ²⁰¹⁵ US Sales, per IMS Health Plan Claims (April 2008-Mar 2011)
 S150 average pet monthly cost based on WAC and of relates (disc)

4) Reimbursement anticipated if FDA-approved

^{[] \$150} average net monthly cost based on WAC, net of rebates/discounts, of existing FDA-approved hormone therapy combination products

Adverse Reimbursement Changes for Compounded Drugs



May 30, 2014: CVS/Caremark forces compounding pharmacies to include NDC numbers for each ingredient used and two scientifically valid studies in peer-reviewed journals supporting clinical efficacy of the additional ingredients¹



June 3, 2014: ESI launches a "Compound Management Solution," creating a list of excluded ingredients that eliminated almost 95% of all compound claims¹



July 2014: Optum initiates a comprehensive compound management program, including prior authorizations and step therapy for all compounded prescriptions²



May 1, 2015: Tricare initiates changes to their compounded medication coverage policy, effectively utilizing Express Scripts' compounded screening process and slashed costs by 74% within one month³



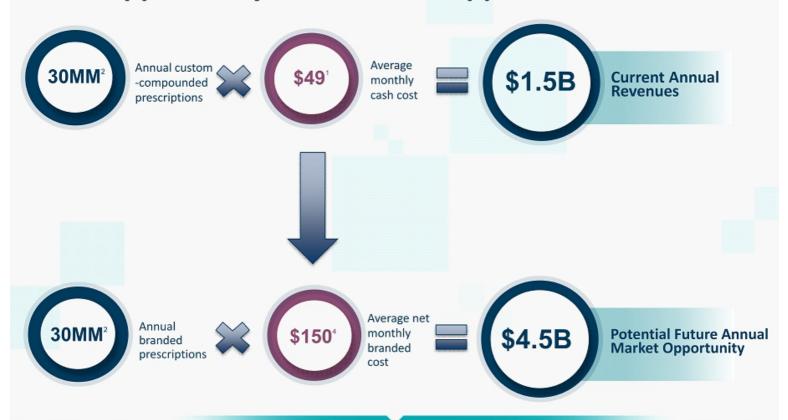
June 2016: Report released that Medicare Part D spending on compounded drugs rose 625% in the past decade. Beginning in February 2017, CMS is adding new screening requirements, blocking any reimbursement for prescriptions from unapproved providers⁴

- http://www.iacprx.org/general/custom.asp?page=CCIns161314
- 2. http://www.optum.com.br/content/optum/en/optumrx/pharmacy-insights/restoring-trust-compound-medications.html
- . http://www.militarytimes.com/story/military/benefits/health-care/2015/06/18/tricare-compounded-medications-update Jefense-health-agency-dha-prescription-express-scripts/28914815/2from=global&sessionKey=&autologin=
- 4. https://www.statnews.com/pharmalot/2016/06/22/medicare-compounded-drugs-fraud/
- All symbols trademarks of CVS/Caremark, Express Scripts, Optum, Tricare, and CMS

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Compounded BHT Market Represents Significant Opportunity for First FDA-Approved Product



- . Pinkerton, J.V. Compounded bio-identical hormone therapy: identifying use trends and knowledge gaps among U.S. women. Menopouse, Vol.22, No.9, 201
- http://press.endocrine.org/doi/abs/10.1210/endo-meetings.2015.RE.5.FRI-124#sthash.PySEhZ9P.dpuf
- 3. Obstetrics & Gynecology 2015; Vol 125, No. 5, p. 985 (Supplement), May 2015
- 4. \$150 average net monthly cost based on WAC, net of rebates/discounts, of existing FDA-approved hormone therapy combination products

Regulatory Environment Continues to Favor FDA-Approved Products

October 2012

Contaminated compounded drugs made at NECC kill 77 people nationwide

2014

Creation of "Do Not Compound" list and established Pharmacy Compounding Advisory Committee

2016

USP-800 finalized, addressing hazardous drugs including hormones

July 2018

Final implementation of USP-800

November 2013

Congress enacted **Drug Quality and** Security Act (DQSA)

2015

Initiated formation of "Difficult to Compound" list, including addition of hormones

July 2016

Released draft guidance documents, outlining protocol for commercially available drugs and unsanitary conditions

Regulatory Tailwinds for FDA-Approved Products

Drug Quality and Security Act (DQSA)¹

- Prohibits compounding of essential copies of an FDA-approved drug except in limited circumstances such as drug shortages
- Requires collaboration between the FDA and state boards of pharmacy to inspect, enforce, and take action against compound pharmacies
- Anticipate significant impact on compounding upon FDA approval of first bio-identical combination hormone therapy product





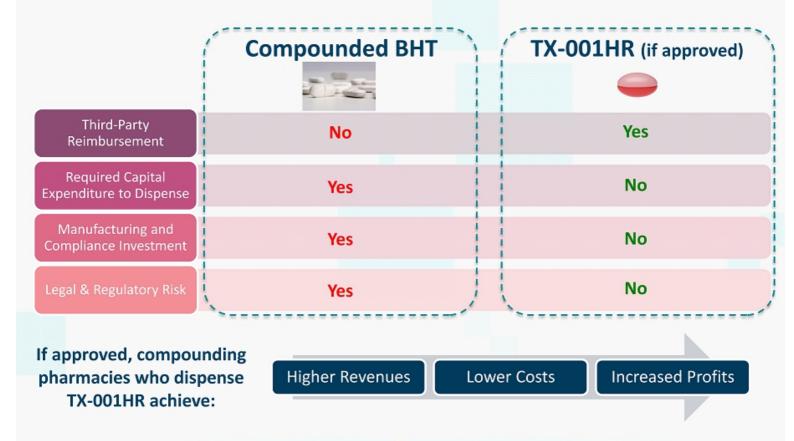
- New identification requirements for receipt, storage, mixing, preparing, compounding, dispensing, and administration of hazardous drugs
- Considered "prohibitively expensive" requiring major pharmacy upgrades and renovations to be compliant



http://www.fda.gov/Drugs/DrugSafety/DrugIntegrityandSupplyChainSecurity/DrugSupplyChainSecurityAct/ucm376829.ht
 http://www.usp.org/sites/default/files/usp_pdf/EN/m7808.pdf

8) https://www.ascp.com/sites/default/files/Joint%20U5P%20letter%202015%20FINAL.pdf

Compounding Pharmacies Need An FDA-Approved Product



Therapeutics MD*

...

TX-001HR Could Fulfill Therapeutic Gap For All Participants

Patients

- Meet demand for natural bio-identical hormone therapy
- · Assurance of safety and efficacy
- Reduction of out-of-pocket costs via insurance coverage
- · Convenience of one combination product
- Widely acceptable at all pharmacies and not just compounding pharmacies

Physicians

- First and only FDA-approved bio-identical combination hormone therapy
- · Clinically validated dose regimens
- Eliminates risks of compounded hormone therapy
- Meet patient demands and reduce patient out-of-pocket costs via insurance coverage
- · Follow medical standards of care and society guidelines while reducing liability

Pharmacies

- · Meet patient and physician demand for bio-identical hormone therapy
- · Significantly improve net margin per script
- · Lower legal and regulatory costs and risk

FDA/Regulatory Bodies

- Reduces need of compounded hormone products
- Full enforcement of regulations regarding compounded hormones
- Reduces false claims and misleading advertising statements about compounded HT products

Expect Robust Insurance Coverage For TX-001HR, If Approved, In-line with Product Class

4,315 Commercial Plans	% Unrestricted Access of Commercial Plans	Not Covered
Estrace (Oral) ®	96%	1%
Prempro®	94%	5%
CombiPatch®	93%	4%
Climara Pro®	92%	4%
FemHRT®	87%	
Duavee®	86%	5%
Vivelle-Dot®	84%	5%
Activella®	83%	8%
Prometrium [®]	83%	
MMIT August 17, 2016 – 4,300 commercial plans ks are the property of their respective owners.	<u></u>	Therapeutic

TXMD: Financial Snapshot









Worldwide Patent Filings*

Strong IP Portfolio with 135 Patent Applications, including 72 international filings, and 17 issued U.S. patents



*Not all patent filings filed in all jurisdictions.

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Therapeutics MD* THANK YOU!



Seasoned Management Team with a Proven Track Record of Commercial Execution



- Former U.S. Secretary of Health and Human Services (2001-2005)
- Holds multiple board memberships, including Centene and United Therapeutics
- · 40-year public health career



- Co-founded vitaMedMD in 2008
- Co-founded CareFusion (Sold to Cardinal Health in 2006)
- 16 years of experience in early stage healthcare company development



- · Co-founded CareFusion
- Held executive sales and operation management positions at McKesson, Cardinal and Omnicell
- 20+ years of operations experience



- Former CFO of American Wireless, Telegeography, and WEB Corp
- Participated in American Wireless/Arush Entertainment merger
- Former KPMG and PricewaterhouseCoopers accountant



- Co-founded vitaMedMD in 2008
- 25 years of experience in healthcare/women's health
- ACOG Committee Member
- Past OBGYN Department Chair - Boca Raton Regional Hospital
- Practicing OBGYN trained
 University of Pennsylvania



- Former Clinical Lead of Women's Health at Pfizer
- 15+ years of experience developing women's health products
- Reproductive endocrinologist & infertility specialist



- 25+ years of women's health pharmaceutical experience
- Product development leader for J&J, Wyeth, Aventis, and others
- Worked on development of Prempro[®], Premphase[®], and Estalis[®]



- VP. Marketing

 • 25+ years of pharmaceutical
- marketing, sales, and operations experience • Led commercialization of
- anti-estrogens/estradiol, breast cancer, and ovarian cancer drugs



- Led the Regulatory Affairs NDA practice for Lachman Consultants
- Vice President of Regulatory Affairs and Quality Assurance for Santarus and Bausch and Lomb
- Submitted and obtained approval for numerous 505(b)(1) and 505(b)(2) new drug applications



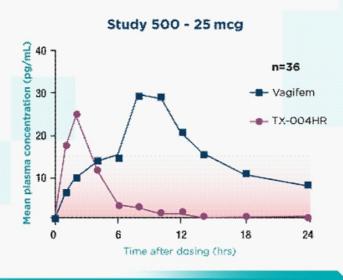
- Former Director of Corporate Development at Anthem
- · Lead the Cigna and
- Amerigroup transactions
 Investment banker in
 healthcare coverage at
 Bank of America
 Merrill Lynch
- Executed over \$60bn in deal value

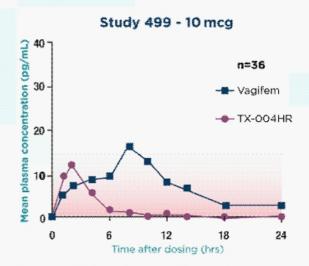
Supported by a team of regulatory consultants with decades of FDA experience

TX-004HR vs. Vagifem[®] Phase 1 Single Dose PK Studies

Key Findings

- Tmax ~2 hours with TX-004HR and ~8 hours with Vagifem
- Systemic absorption of estradiol AUC (0-24 hours) is 2- to 3-fold lower with TX-004HR relative to Vagifem





Pickar, et al. Climacteric 2016