# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K/A

Amendment No. 1 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 5, 2017

#### AVADEL PHARMACEUTICALS PLC

(Exact name of registrant as specified in its charter)

Ireland (State or Other Jurisdiction of Incorporation) **001-37977** (Commission File Number)

**98-1341933** (I.R.S. Employer Identification No.)

Block 10-1
Blanchardstown Corporate Park, Ballycoolin
Dublin 15, Ireland
(Address of Principal Executive Offices)

Not Applicable (Zip Code)

Registrant's telephone number, including area code: +353 1 485 1200

Check th	e appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following as:
	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 Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
	by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or -2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).
Emerging	g growth company $\square$
	erging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or inancial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

#### **Explanatory Note**

This Amendment No. 1 on Form 8-K/A (this "Amendment") amends the current report on Form 8-K filed by Avadel Pharmaceuticals plc (the "Company") with the Securities and Exchange Commission on September 6, 2017 (the "Original 8-K"). This Amendment is being filed solely to include an updated slide #19 within Exhibit 99.1 to the Original 8-K in order to furnish additional information about the royalties payable by the Company under the license agreement for Noctiva. Except as described above, all other information in the Original 8-K remains unchanged.

#### Item 7.01 Regulation FD Disclosure.

On or about September 5, 2017, the Company posted on its website (at http://Investors.Avadel.com) a slide presentation intended to be used for investor presentations. That slide presentation has been revised to include an updated slide #19 and such slide presentation (as revised) has been posted on the Company's website and is furnished as Exhibit 99.1 to this Amendment.

The information in Item 7.01 of this current report on Form 8-K (including Exhibit 99.1) is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liabilities of that Section, nor shall such information be incorporated by reference into any registration statement or other filing pursuant to the Securities Act of 1933, except as may be expressly set forth by specific reference in such filing.

#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 Revised Slide Presentation of Avadel Pharmaceuticals plc dated as of September 6, 2017

#### **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.

#### AVADEL PHARMACEUTICALS PLC

/s/ Phillandas T. Thompson Phillandas T. Thompson By:

Senior Vice President, General Counsel and Corporate Secretary

Date: September 6, 2017

99.1 Revised Slide Presentation of Avadel Pharmaceuticals plc dated as of September 6, 2017





# Avadel Pharmaceuticals plc

Noctiva™ Investor Call September 6, 2017

#### Safe Harbor



Safe Harbor: This investor slide presentation may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. The words "will," "may," "believe," "expect," "anticipate," "estimate," "potentially," "project" and similar expressions, and the negatives thereof, identify forward-looking statements, each of which speaks only as of the date these slides are presented. Although we believe that our forward-looking statements are based on reasonable assumptions within the bounds of our knowledge of our business and operations, our business is subject to significant risks and as a result there can be no assurance that actual results of our research, development and commercialization activities and our results of operations will not differ materially from the results contemplated in such forward-looking statements. These risks include the following: (i) our internal analyses may overstate the market opportunity in the United States and Canada for the drug desmopressin acetate (the "Drug"), which we have licensed from Serenity Pharmaceuticals, LLC, or we may not effectively exploit such market opportunity; (ii) significant safety or drug interaction problems could arise with respect to the Drug; (iii) we may not successfully increase awareness of nocturia and the potential benefits of the Drug; (iv) we may encounter problems with the manufacture or supply of the Drua; (v) patents and proprietary rights associated with the Drug may not provide adequate protection; (vi) our costs to complete the commercialization of the Drug could be more than planned and/or may not provide the intended positive financial results; (vii) the need for management to focus attention on the development and commercialization of the Drug could cause our ongoing business operations to suffer; and (viii) the other risks, uncertainties and contingencies described in the Company's filings with the U.S. Securities and Exchange Commission, including our annual report on Form 10-K for the year ended December 31, 2016, in particular under the captions "Forward-Looking Statements" and "Risk Factors," including without limitation: our dependence on a small number of products and customers for the majority of our revenues; the possibility that our Bloxiverz®, Vazculep® and Akovaz® products, which are not patent protected, could face substantial competition resulting in a loss of market share or forcing us to reduce the prices we charge for those products; the possibility that we could fail to successfully complete the research and development for pipeline products we are evaluating for potential application to the FDA pursuant to our "unapproved-to-approved" strategy, or that competitors could complete the development of such products and apply for FDA approval of such products before us; the possi bility that our products may not reach the commercial market or gain market acceptance; our need to invest substantial sums in research and development in order to remain competitive; our dependence on certain single providers for development of several of our drug delivery platforms and products; our dependence on a limited number of suppliers to manufacture our products and to deliver certain raw materials used in our products; the possibility that our competitors may develop and market technologies or products that are more effective or safer than ours, or obtain regulatory approval and market such technologies or products before we do; the challenges in protecting the intellectual property underlying our drug delivery platforms and other products; and our dependence on key personnel to execute our business plan. Except as may be required by law, we disclaim any obligation to publicly update any forward-looking statements to reflect events after the date of this investor slide presentation.

September 6, 2017

## Our Transition to Branded Specialty Pharma



We strive to commercialize unique and differentiated products that address unmet medical needs in targeted specialty patient populations.

- Acquired Éclat
   Pharmaceuticals & its
   pipeline of Unapproved
   Marketed Drugs (UMD)
   products
- Departure from contract drug delivery focus

FDA approved

- Bloxiverz®
- Vazculep®
- FDA approved Akovaz®
- · Acquired FSC Pediatrics
- Initiated REST-ON Phase III Trial
- Reincorporated in Ireland
- Noctiva<sup>™</sup>

September 6, 2017

3:







Data on file For full prescribing information please see our appendix September 6, 2017

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## Noctiva™ Rationale



Noctiva is a unique, patent-protected specialty product that diversifies our revenue streams, reduces dependence on branded generics and will deliver value to Avadel investors, employees, health care professionals and most importantly - patients.







September 6, 2017

# Nocturia: Issues & Opportunities

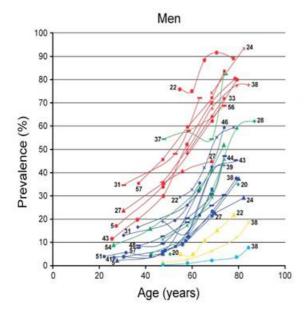


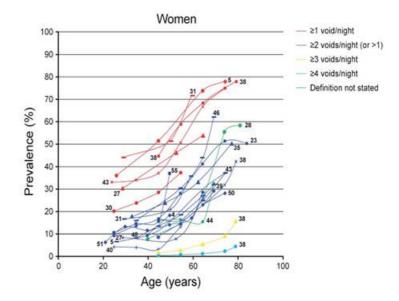
- Nocturia is an under recognized significant medical condition with substantive consequences, morbidities and diminished quality of life
- In clinical practice, nocturia is often treated ineffectively
- Patients & healthcare providers recognize pressing need for a safe & clinically meaningful therapy



#### Nocturia: Prevalence in Men & Women





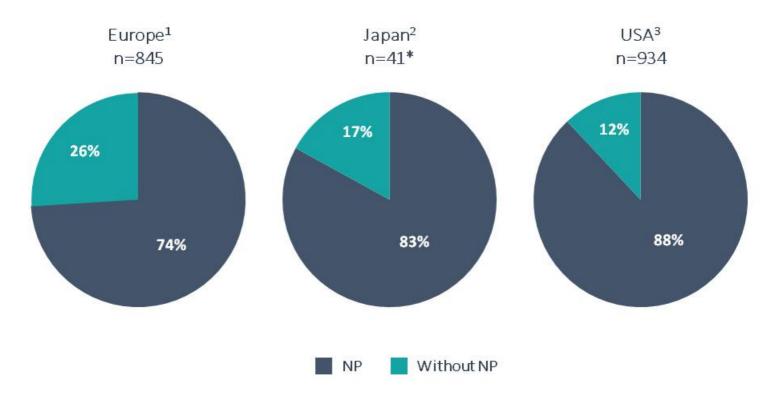


Bosch JLHR and Weiss JP: The prevalence and causes of nocturia. J Urol 184: Aug 2010

September 6, 2017

# Nocturia: Nocturnal Polyuria in Majority of Patients





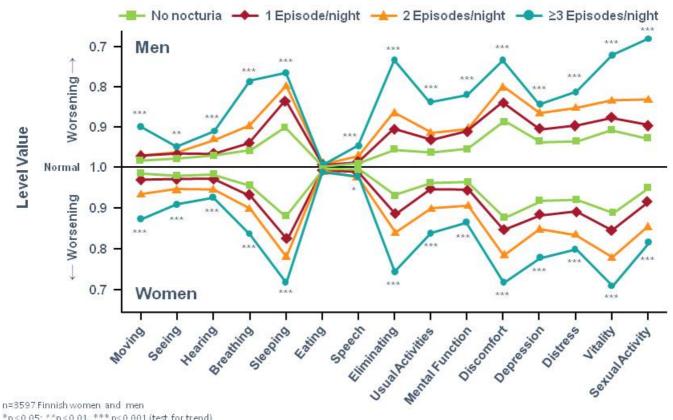
<sup>\*</sup>Males only

<sup>&</sup>lt;sup>1</sup>Abrams et al. *Neurourol Urodyn* 2004;23:466. Abstract 48

 $<sup>^2 \</sup>mbox{Chang}\,\mbox{et}$  al.  $\mbox{\it Urology}\,\,2006;67:541\text{-}544.$ 

<sup>&</sup>lt;sup>3</sup>Weiss et al. *J Urol* 2009:181:538

# Nocturia: Quality of Life



\*p<0.05; \*\*p<0.01, \*\*\* p<0.001 (test for trend)
Tikkinen et al. Eur Urol 2010;57:488–496.15D instrument: Sintonen. Ann Med 2001;38; 3287336

# Nocturia: Severity & Bothersomeness

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Nocturia episodes	None %	Small %	Moderate %	Major %	
One	52.2	41.1	5.9	0.7	
Two	29.3	53.8	13.9	3.1	
Three	17.4	26.7	41.9	14.0	
Four or more	11.3	7.0	46	35.7	

(N=3,474)

Baseline number of nocturic episodes was 3.1

Tikkinen et al. Eur Urol 2010;57:488-496.

# Nocturia: Falls in Elderly Patients



- 5,872 community-dwelling US men aged ≥65 years
- Primary outcome: 1-year cumulative incidence of falls with moderate/severe vs mild LUTS at baseline
- Nocturia was among the LUTS most strongly associated with falls

	2-3 Episodes/Night % RR (95% CI)	4-5 Episodes/Night % RR (95% CI)
Relative risk of at least 1 fall	5 1.05 (0.96, 1.16)	23 1.23 (1.08, 1.41)
Relative risk of at least 2 falls	11 1.11 (1.08-1.41)	42 1.42 (1.16, 1.74)

LUTS=Lower urinary tract symptom Parsons et al. BJU Int 2009; 104:63-68

September 6, 2017





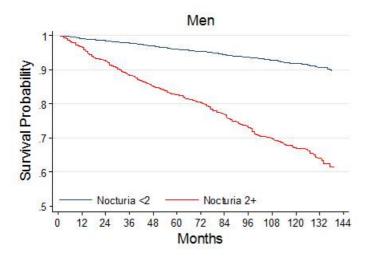
Age Group	Outcome	Unadjusted HR (95% CI)	Adjusted* HR (95% CI)
	Diabetes mellitus	1.26 (0.75, 2.11)	1.06 (0.61, 1.85)
40–59	Hypertension	1.19 (0.89, 1.59)	1.05 (0.77, 1.43)
40-53	CHD	1.68 (1.13, 2.49)	1.36 (0.87, 2.12)
2	Death	1.32 (0.79, 2.21)	1.31 (0.73, 2.35)
	Diabetes mellitus	0.85 (0.40, 1.81)	0.74 (0.32, 1.74)
≥60	Hypertension	0.81 (0.57, 1.16)	0.74 (0.51, 1.07)
200	CHD	0.95 (0.69, 1.31)	0.92 (0.65, 1.31)
	Death	1.37 (1.10, 1.70)	1.48 (1.15, 1.91)

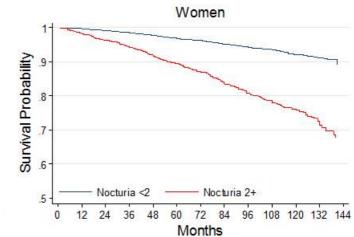
<sup>\*</sup>Adjusted for baseline age, BMI, use of alpha blockers, SARIs, and/or OAB medications; death adjusted for baseline age, BMI, use of alpha blockers, SARIs, and/or OAB medications, and coronary heart disease (CHD).

Lightner et al. BJU Int<u>. 2012 Sep;110(6):848-53. doi:</u> 10.1111/j.1464-410X.2011.10806.x.Epub 2012 Jan 10 September 6, 2017

## Nocturia: Mortality







# ≥2 voids/night associated with worse survival in population-based sample of 7,455 men and 8,533 women

US Data NHANES III Kupelian et al. J Urol. 2011;185:571-577

September 6, 2017

## Nocturia: Current Therapy



- Behavioral modification has not shown durable efficacy in clinical practice
- Drugs for OAB & BPH have marginal efficacy
- Desmopressin has been used for almost 40 years in all age groups in clinical practice
- Noctiva™ is an improved dosage formulation with sustained efficacy & minimal side effects



Noctiva™ fills the unmet medical need for an effective, safe, and clinically meaningful treatment for nocturia

September 6, 2017

## Noctiva: Development



- Noctiva: a synthetic analogue of antidiuretic hormone, vasopressin. Historically, unable to reliably control duration of action, resulting in cases of hyponatremia
- Noctiva's low-dose of desmopressin (7x 27x lower than existing forms) addresses historical issues – patented formulation & delivery improves bioavailability & produces predictable stable PK profile



## Noctiva: Clinical Development



- Over 2,300 patients evaluated in clinical efficacy studies
- Two randomized pivotal trials
- Statistical efficacy in terms of nocturic episodes & percentage of patients with 50% or greater reduction in nocturic episodes
- Average reduction of nocturic episodes in responders was 2.1
- Two long term safety extension studies no instances of hyponatremia

# Noctiva Has No Therapeutic Equivalents

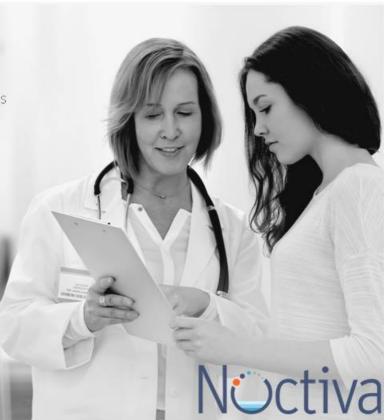
September 6, 2017

18:

### Noctiva Launch: 4Q17 & 1H18



- Prepare the market for Noctiva
  - Disease-state educational outreach
     programs targeting health care professionals
     & targeted patients
- Best-in-class commercial organization
- Market access and Medical Science Liaison (MSL) teams
- Focused approach to health care professionals currently treating nocturia patients
  - Urologists
  - Gynecologists
  - · Selective primary care physicians









Prevalence: ~40 million U.S. patients with nocturia

Diagnosed: Independent research & claims data estimate 3 million diagnosed &

treated

**Growing Population:** Data shows treated nocturia patients has grown 15% in last 3 years

Course of Treatment: Most prescribed drugs to treat nocturia are Overactive Bladder (OAB),

Benign Prostatic Hyperplasia (BPH) & desmopressin

Estimated 6 – 12 million total prescriptions (TRxs) per year

Current treated patient pool today estimated at >\$2 billion\*

\*Data on file

September 6, 2017

### Financial Impact



#### **Summary Terms:**

- \$50 million upfront payment; \$20 million at commercial launch, or by June 30, 2018
- Up to \$220 million in sales milestone payments on net sales between \$50 million \$1.5B
- · Tiered mid-double digit royalty range based on a threshold of annual net sales
  - 28% up to \$500 million
  - 30% between \$501 million \$1 billion
  - 33% over \$1 billion

#### SG&A Investment

· Industry standard launch investment to commercialize Noctiva and build infrastructure

#### Tax Implications

· Anticipate reduction to effective tax rate

#### Adequate near-term funding to launch Noctiva & complete REST-ON Phase III Trial

Will continue to evaluate future capital raise opportunities as needed

#### Guidance

· 2017 diluted adjusted EPS guidance to be updated during Q3 earnings conference call

September 6, 2017