



STRONGBRIDGE BIOPHARMA PLC

MAY 2020



Forward-looking statements

This document contains forward-looking statements relating to the Company's strategy, objectives, business development plans and financial position. All statements other than statements of historical facts included in this document, including, without limitation, statements regarding the Company's future financial position, strategy, anticipated investments, costs and results, status and results of clinical trials, anticipated timing of release of results from clinical trials, size of patient population potential, advantages of a product or product candidate, anticipated timing of activities related to the regulatory approval process for a product candidate, results of company-sponsored market research, plans, outcomes of product development efforts, intellectual property portfolio and objectives of management for future operations, may be deemed to be forward-looking statements. You can identify forward-looking statements by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "will," "would" or the negative of those terms, and similar expressions that convey uncertainty or future events or outcomes.

These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause the Company's actual results, performance, or achievements or industry results to be materially different from those contemplated, projected, forecasted, estimated or budgeted, whether expressed or implied, by these forward-looking statements. Given these risks and uncertainties, investors should not place undue reliance on forward-looking statements as a prediction of actual results. A discussion of certain of these risks may be found in the filings the Company makes with the U.S. Securities and Exchange Commission. None of these forward-looking statements constitutes a guarantee of the future occurrence of such events or of actual results. These statements are based on data, assumptions, and estimates that the Company believes are reasonable.

The forward-looking statements contained in this document are made only as of the date hereof. Except as otherwise required by law, the Company expressly disclaims any obligation or undertaking to release publicly any updates of any forward-looking statements contained in this document to reflect any change in its actual results, assumptions, expectations or any change in events, factors, conditions, or circumstances on which any forward-looking statement contained in this document is based.

Strongbridge Biopharma is a revenue-generating rare disease company



Approved for the treatment of
Primary Periodic Paralysis (PPP)

2019 revenue of ~\$21.7M;
Q1 2020 Revenue of \$6.7M
(up 54% from Q1 2019)

2020 revenue guidance: \$22M - \$26M;
Product is contribution margin positive

Provides established
and leverageable rare disease
commercial infrastructure

RECORLEV®
(levoketoconazole)

Phase 3 asset for the treatment
of Cushing's syndrome (CS)

Positive Phase 3
SONICS results published in
The Lancet Diabetes and Endocrinology

LOGICS Phase 3 trial **enrollment to**
close on or before May 14
Top-line **results anticipated Q3 2020;**
NDA filing expected ~6 months
thereafter

VELDOREOTIDE
modified-release

Next-generation
somatostatin (SST) analog

Immediate release formulation **studied**
in Phase 2 in acromegaly patients

Novel, patented, extended release
formulation is **under evaluation** in
nonclinical disease models potentially
amenable to SST modulation

\$63M IN CASH EXPECTED TO FUND OPERATIONS THROUGH 3Q 2021*

*As of 3/31/2020, cash, cash equivalents, and marketable securities

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Management team

John Johnson

Executive Chairman



Richard Kollender

Chief Operating Officer



Robert Lutz

Chief Financial Officer



Fred Cohen, MD

Chief Medical Officer



Scott Wilhoit

Chief Commercial Officer



Stephen Long

Chief Legal Officer



Brian Conner

Chief Compliance Officer



Emily Doyle

Chief Human Resources Officer



EXPERIENCE IN RARE DISEASE DEVELOPMENT & COMMERCIALIZATION

RECORLEV

(levoketoconazole)

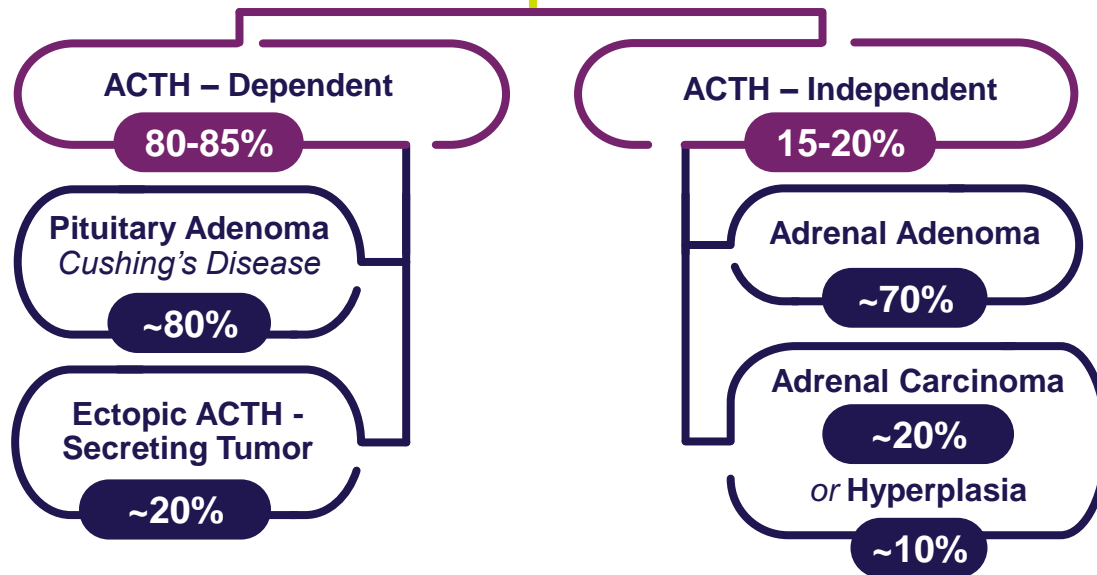
The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Endogenous Cushing's syndrome (CS) overview



Underlying cause is chronic exposure to
EXCESS SERUM CORTISOL
due to any of several etiologies

Endogenous Cushing's syndrome



Abbreviation: ACTH, adrenocorticotrophic hormone. Source: Sharma TS, et al. Clin Epidemiol. 2015;7:281–293.

*According to a retrospective analysis of claims from a large US commercial health plan (885 selected Cushing's disease cases and 2,655 matched controls without Cushing's disease) from 2007 to 2011.

Affects the whole body



Psychosis,
impaired memory,
sleep disturbance,
depression,
anxiety

Heart attacks,
stroke, high blood
pressure, high
cholesterol,
vein clots

Overweight/obesity,
facial, neck and
abdominal fat
accumulation,
diabetes


Muscle and
skin atrophy

Osteoporosis



Patients have*

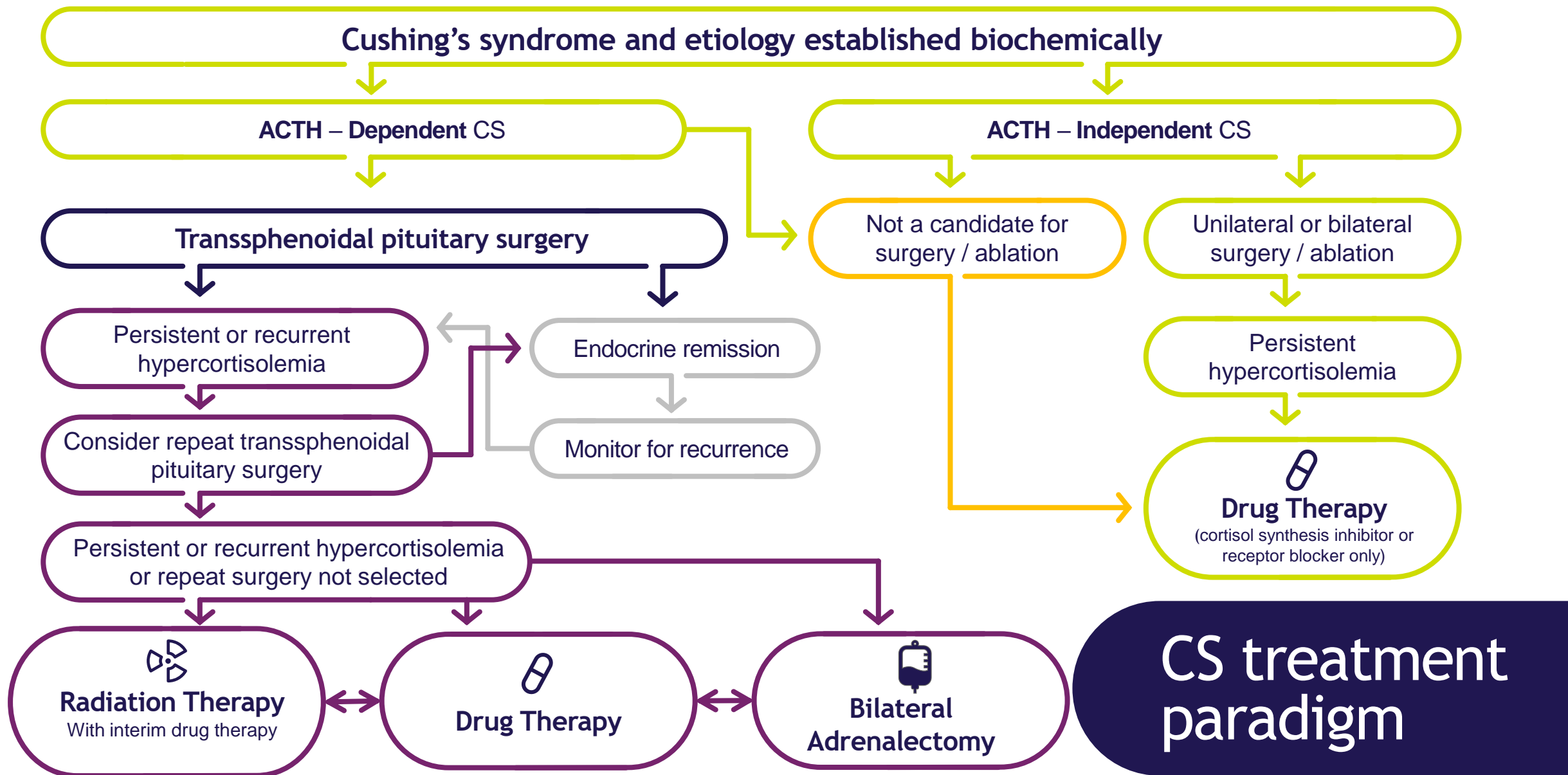


2-5x 
higher incidence
rates of
comorbidities

7x 
higher
medical
costs

4x 
higher
pharmacy
costs

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.



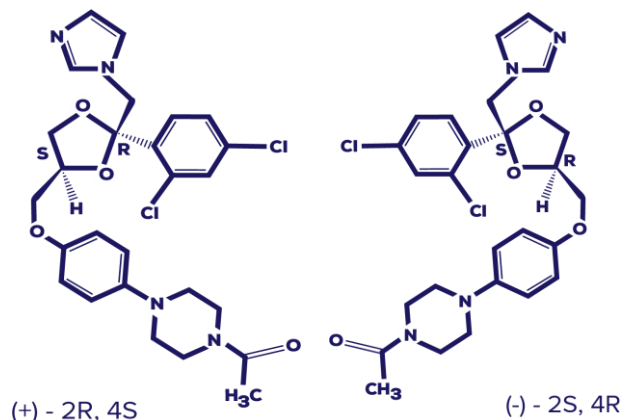
Levoketoconazole appears to be the relevant enantiomer of ketoconazole for cortisol synthesis inhibition in humans

DEXTROKETOCONAZOLE

Right-handed
enantiomer

Estimated to **contribute essentially no activity** towards the inhibition of adrenal cortisol synthesis by ketoconazole

KETOCONAZOLE Racemate with Two Enantiomers

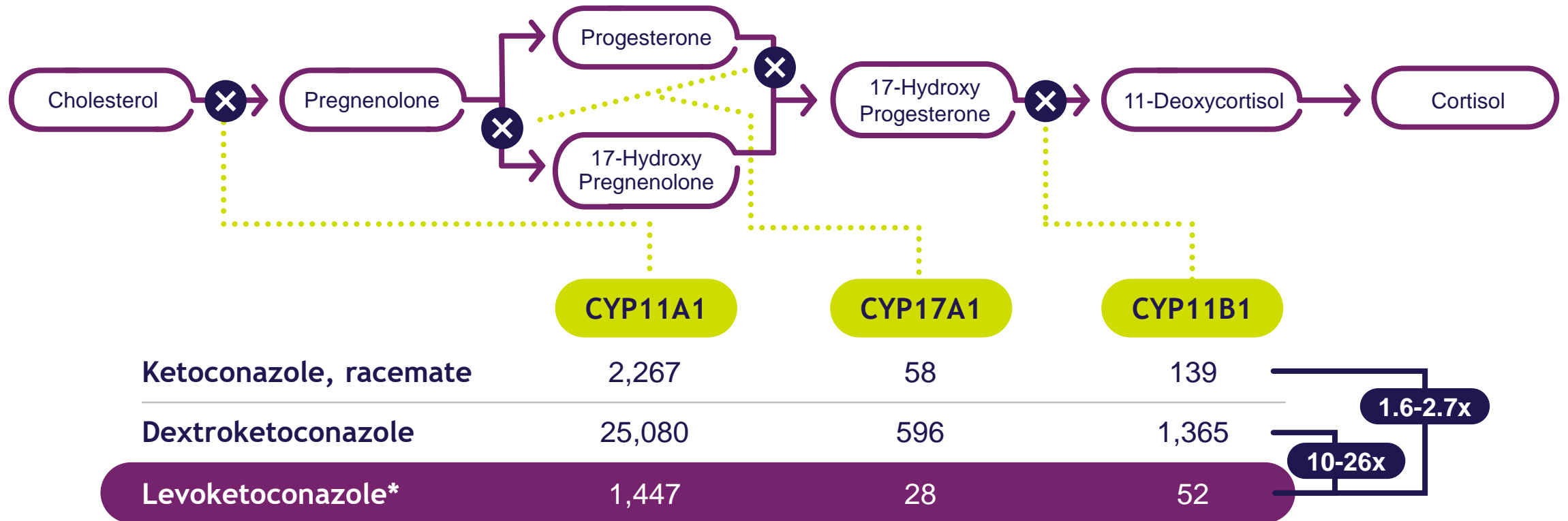


LEVOKETOCONAZOLE

Left-handed
enantiomer

Estimated to **provide essentially all of the cortisol synthesis inhibition** of ketoconazole in vivo

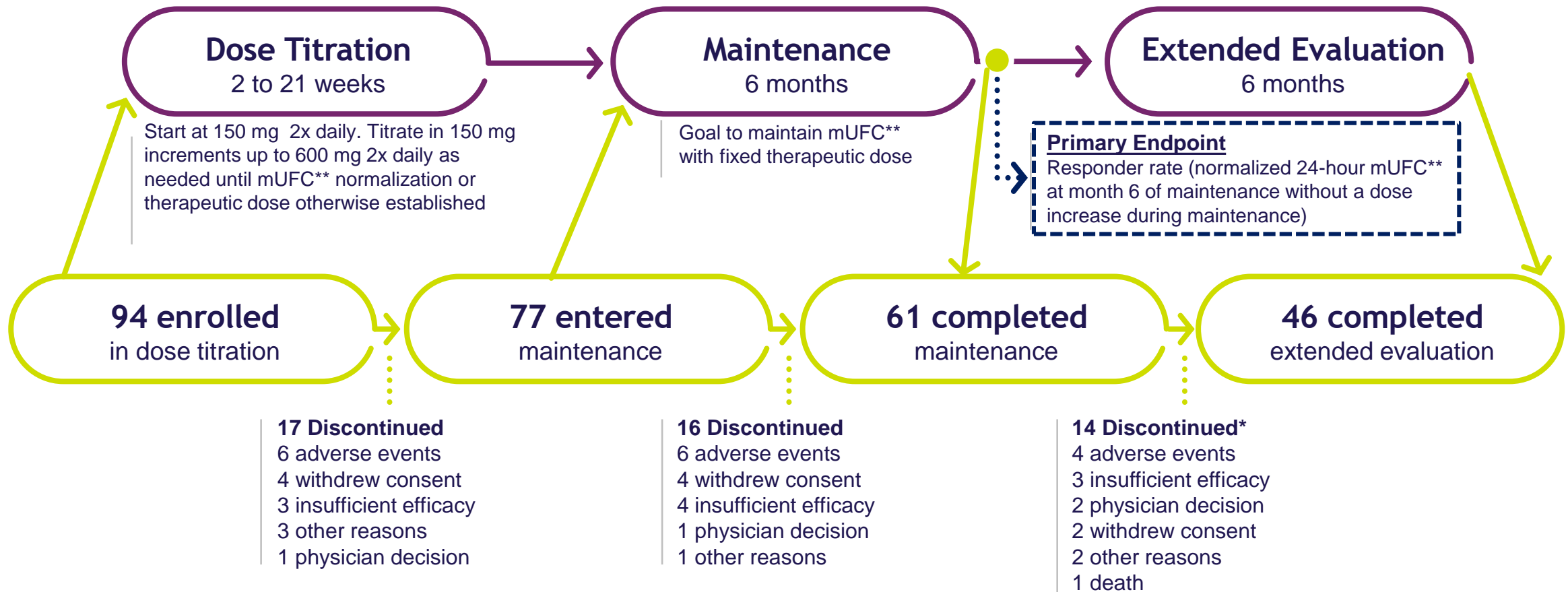
Levoketoconazole is approximately twice as potent as ketoconazole for cortisol synthesis inhibition



50% inhibitory concentration, nmol/L; lower number indicates greater inhibition potency

Auchus RJ, Wu JL, Peng HM "2S,4R-Ketoconazole is the Relevant Enantiomer of Ketoconazole for Cortisol Synthesis Inhibition: Steroidogenic P450s Inhibition Involves Multiple Mechanisms" Endocrine Society's Annual Meeting. University of Michigan, Chicago, IL. 18, March 2018. Poster presentation.

SONICS, a successfully completed phase 3, multi-center, open-label, single-arm study



*1 subject did not enter extended evaluation

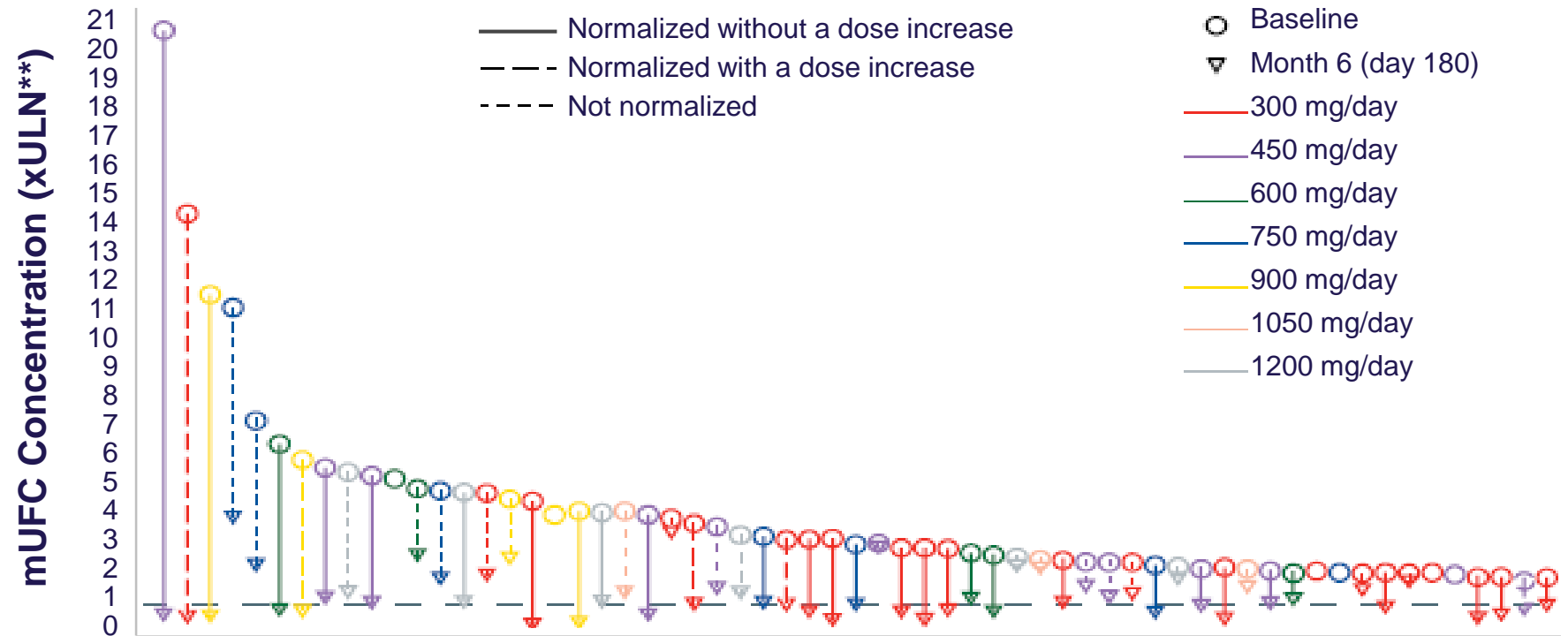
**mUFC= mean urinary free cortisol

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

SONICS achieved statistical significance of the primary endpoint

Primary endpoint was achieved with **statistical significance, with 30% of patients (29/94) achieving mean urinary free cortisol (mUFC) normalization** without a dose increase

(95% CI: 21%, 40%; $p=.0154$ vs null hypothesis of $\leq 20\%$), ITT** analysis*



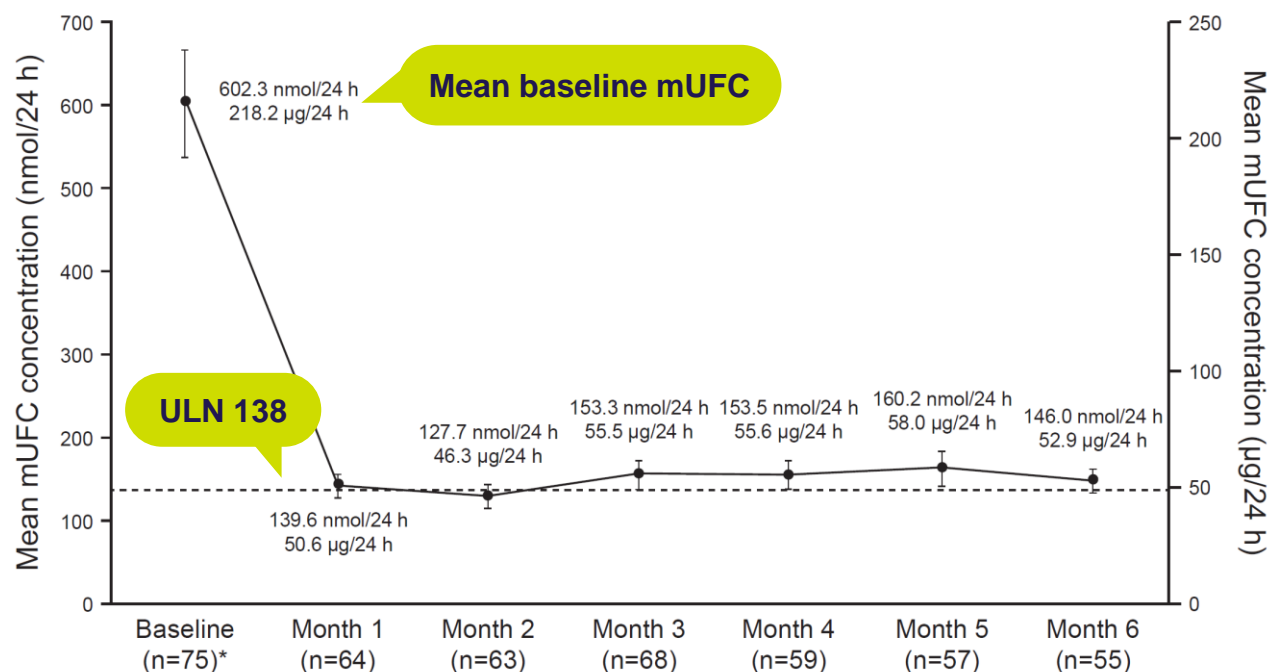
Change in individual mUFCs from baseline of the dose titration phase to the end of the maintenance phase (month 6; maintenance completers population [N=61]). Doses are from day 1 of the maintenance phase. Horizontal line represents ULN.

*Based on mixed-effects, repeated-measures model with underlying binomial distribution and logit link function, adjusted for baseline covariates.

**Abbreviations: CI= Confidence interval; ITT= Intent to Treat population; mUFC= mean urinary free cortisol; ULN= upper limit of normal

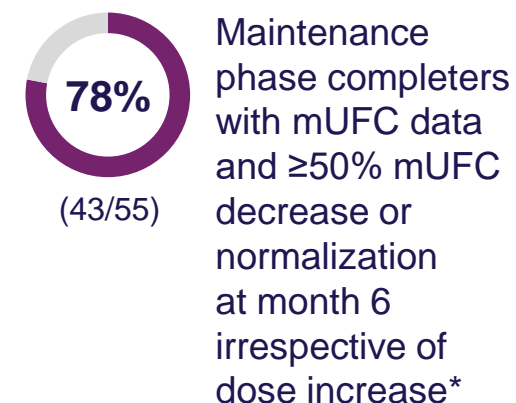
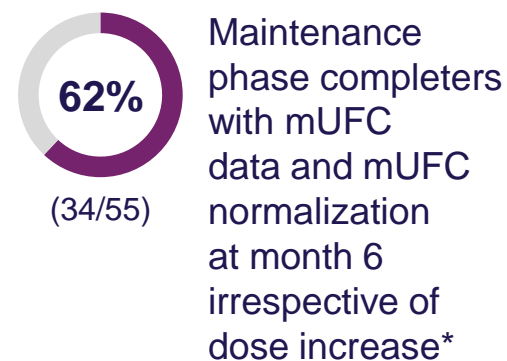
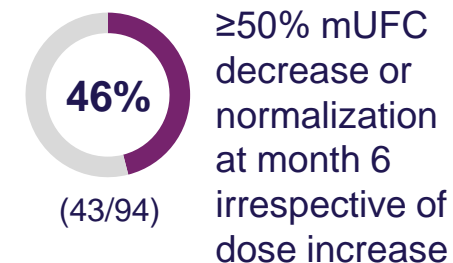
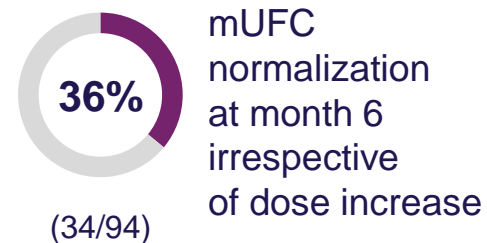
Sensitivity analyses of SONICS primary endpoint support efficacy demonstration

Mean mUFC remained at approximately the upper limit of normal (ULN) from month 1 through month 6 of maintenance (N=77)*



mUFC= mean urinary free cortisol level
ULN= upper limit of normal

Sensitivity analyses



*Data based on 77 maintenance phase subjects. Error bars represent Standard Error of the mean.

SONICS
achieved
statistical
significance in
key secondary
endpoints

5 KEY CARDIOVASCULAR (CV) SECONDARY ENDPOINTS WITH FAVORABLE CHANGES FROM BASELINE

Outcome Measure	Baseline Mean (n)	Mean Change from Baseline at end of Maintenance phase [†] (n)	Adjusted* p-value of mean reductions from Baseline
Fasting Blood Glucose	5.8 mmol/L (76)	-0.7 (50)	<0.0001
Hemoglobin A1c	6.0% (77)	-0.4 (55)	<0.0001
Total cholesterol	5.6 mmol/L (75)	-1.1 (53)	<0.0001
LDL-cholesterol	3.3 mmol/L (75)	-1.0 (53)	<0.0001
Body Weight	82.1 kg (77)	-5.1 (54)	<0.0001

HDL-cholesterol decreased by a mean of 0.2 mmol/L, an unfavorable mean change from baseline outweighed by the LDL-cholesterol mean improvement

Mean improvements in Hemoglobin A1c and fasting blood glucose were **more pronounced** among patients with diabetes mellitus

Mean scores for **quality of life (QoL), hirsutism, acne, peripheral edema and depression** all significantly improved at end of maintenance

*Hochberg adjustment applied to p-values to control type 1 error

[†]Mean reductions from baseline based on least squares mean changes from repeated-measures model adjusted for baseline covariates

Most commonly reported treatment emergent adverse events in SONICS

Treatment Emergent Adverse Events (all phases combined)

N=94

Nausea	33%
Headache	29%
Hypertension	19%
Peripheral edema	19%
Fatigue	18%
ALT increased*	17%
Diarrhea	16%
Arthralgia	15%

Treatment-emergent events with incidence ≥15%

Treatment Emergent Adverse Events of Special Interest (all phases combined)

Liver-related	7%
QTc prolongation	7%
Adrenal insufficiency	3%

*Includes all alanine aminotransferase (ALT) increases reported as an adverse event regardless of level or relationship to drug. A subset of these ALT increased events was also reported as adverse events of special interest.

Liver enzyme comparison

	RECORLEV	KETOCONAZOLE*
ALT >3X ULN (includes those > 5x ULN)	10.6%	19%
ALT >5x ULN	3.2%	13%
Total bilirubin values > 1.5x ULN	0%	NA
Liver warning & precautions	To be determined	Boxed warning & monitoring
Monitoring	<u>SONICS Monitoring Protocol</u> At least once every two weeks during dose titration. Monitored monthly for six months after the therapeutic dose is established; then every three months thereafter.	During the course of treatment, serum ALT should be monitored weekly for the duration of treatment . If ALT values increase to a level above the upper limit of normal or 30 percent above baseline, or if the patient develops symptoms, ketoconazole treatment should be interrupted. ***

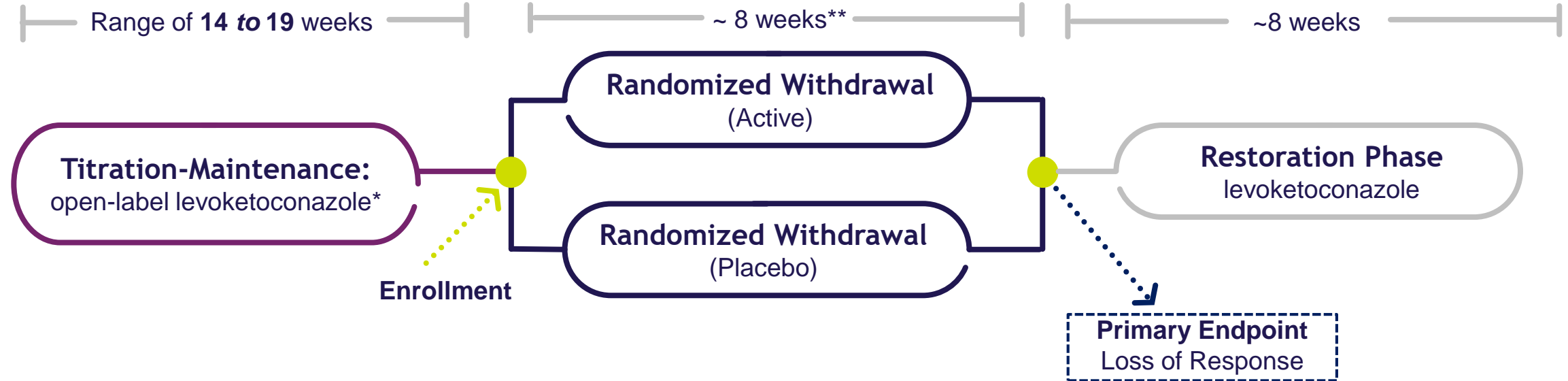
Note: Data not from within the same study

* Young et al. Eur J Endocrinol. 2018 Feb 22. pii: EJE-17-0886. doi: 10.1530/EJE-17-0886. [Epub ahead of print]; data from a substudy with patient who had no KTZ use in prior 4 weeks; ALT n=31.

*** Ketoconazole Prescribing Information;

Abbreviations: ALT, alanine aminotransferase; ULN, upper limits of normal; NA, Not Available

LOGICS: a phase 3 placebo-controlled randomized withdrawal trial



Design

Double-blind, placebo-controlled, randomized-withdrawal study intended to assess the efficacy and safety of levoketoconazole

Study Rationale

FDA had requested placebo-controlled data

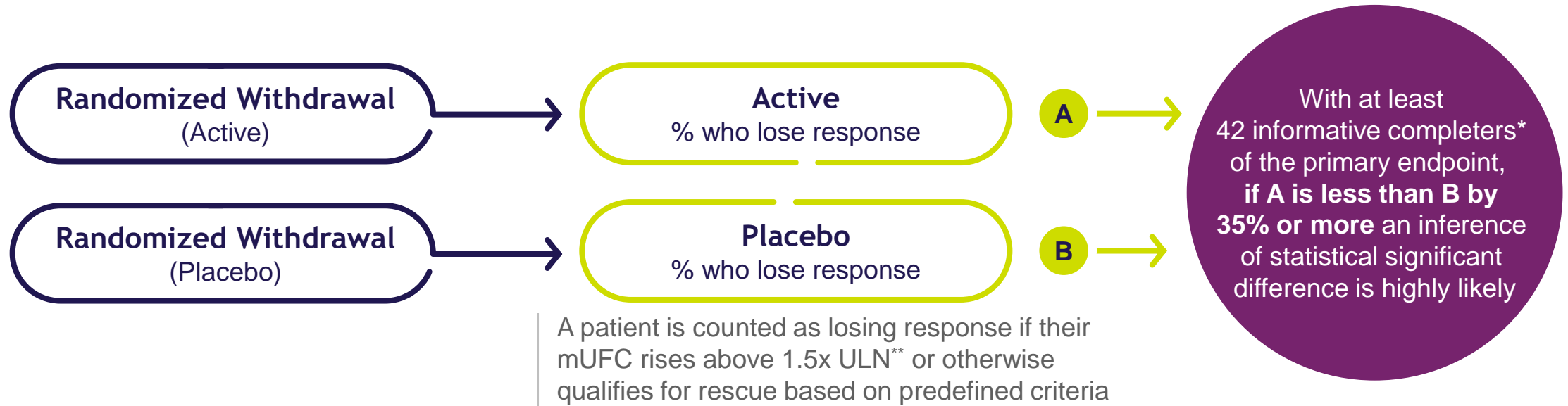
Primary endpoint

Comparison of the proportion of subjects with loss of therapeutic response upon withdrawing to placebo versus continuing treatment with levoketoconazole

* Subjects who directly rolled over into LOGICS from SONICS and were on a stable therapeutic dose for 12 weeks prior to screening did not require titration-maintenance

** Early rescue can happen at any time during randomized withdrawal

LOGICS study sample size and power



With **43-44** enrolled
Expected to yield **42-43** completers*

study
power
exceeds



based on the null hypothesis of no difference in Loss of Response rate as compared with the alternative hypothesis of a 65% absolute Loss of Response rate difference

* Completers through at least the 4th visit in the randomized withdrawal phase. Currently 41 of 42 patients have completed the randomized withdrawal phase.

** Or mUFC more than 40% above the baseline (RW0) value for a patient from SONICS with RW0 value that is above ULN

Abbreviations: mUFC= mean urinary free cortisol; ULN=upper limit of normal

Recorlev status and next steps



LOGICS Top-line results

anticipated in Q3 2020



LOGICS enrollment* to close on or before May 14, 2020 (n=43 or 44)

41 of 42 targeted study participants completed the randomized withdrawal phase; one additional patient is currently in the randomized withdrawal phase and one other patient is scheduled to be randomized imminently



NDA submission

~6 months following reporting of top-line results

Pursuing 505(b)(2) approval pathway for a new active substance

10 month review expected



Labeling

Certain parts of the Recorlev label concerning safety (e.g. toxicology) will derive from the current ketoconazole tablets label, potentially supplemented by newer information in the public domain and original data generated by Strongbridge

Clinical descriptions in the Recorlev label will necessarily reflect the clinical experience with Recorlev in CS patients at the time of NDA review, as the ketoconazole tablets label is specifically intended to guide prescribing of an antifungal treatment (not Cushing's syndrome)

*Defined by the number of patients who have been randomized (i.e. enrolled) towards a target randomization of 46 to 54 patients

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

RECORLEV MARKET ASSESSMENT

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Cushing's syndrome (CS) market assessment and key findings



Strongbridge CS Market Assessment

Landscape Assessment

Secondary Research

- Informed the market overview and competitive assessment

Analog Review

- Informed market dynamics and pricing assumptions



Primary Research



Qualitative HCP Research

- 13 Endocrinologists
- Community and KOLs
- Avg. number of CS patients last 6mo's = 12 – 62

Quantitative HCP Research

- 153 Endocrinologists
- Community and KOLs
- Avg. number of CS patients last 6mo's = 25-68

Qualitative Payer Research

- 10 Payers
- Mix of National / Regional
- Avg. covered lives = 25M



Key Findings

MARKET LANDSCAPE

of ~ 8,000 patients

Endocrinologists interest in new therapies suggests

UNMET NEEDS EXIST

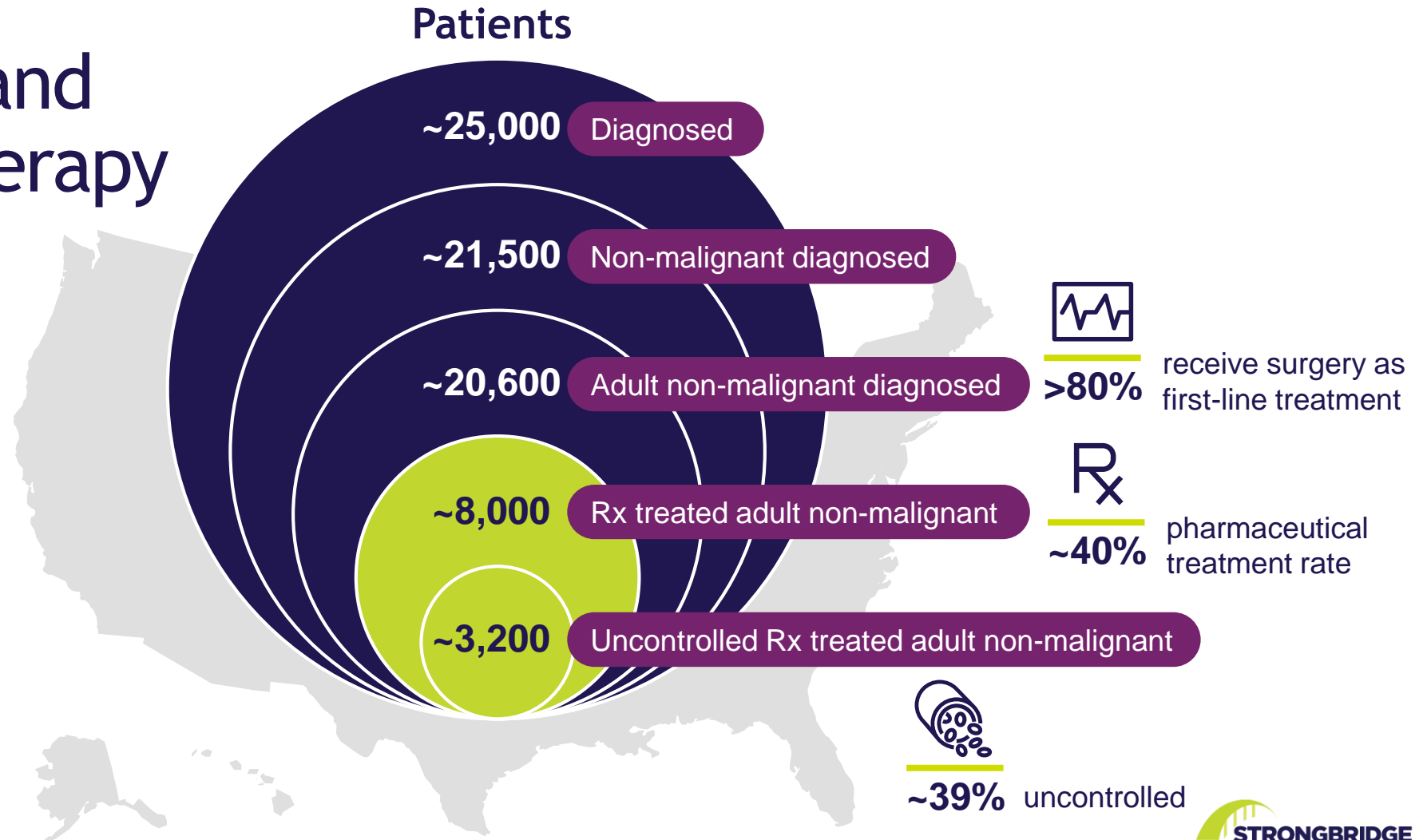
Results indicate Recorlev has a

POTENTIALLY COMPETITIVE PROFILE

Payers viewed Recorlev profile favorably

PAYER ACCESS

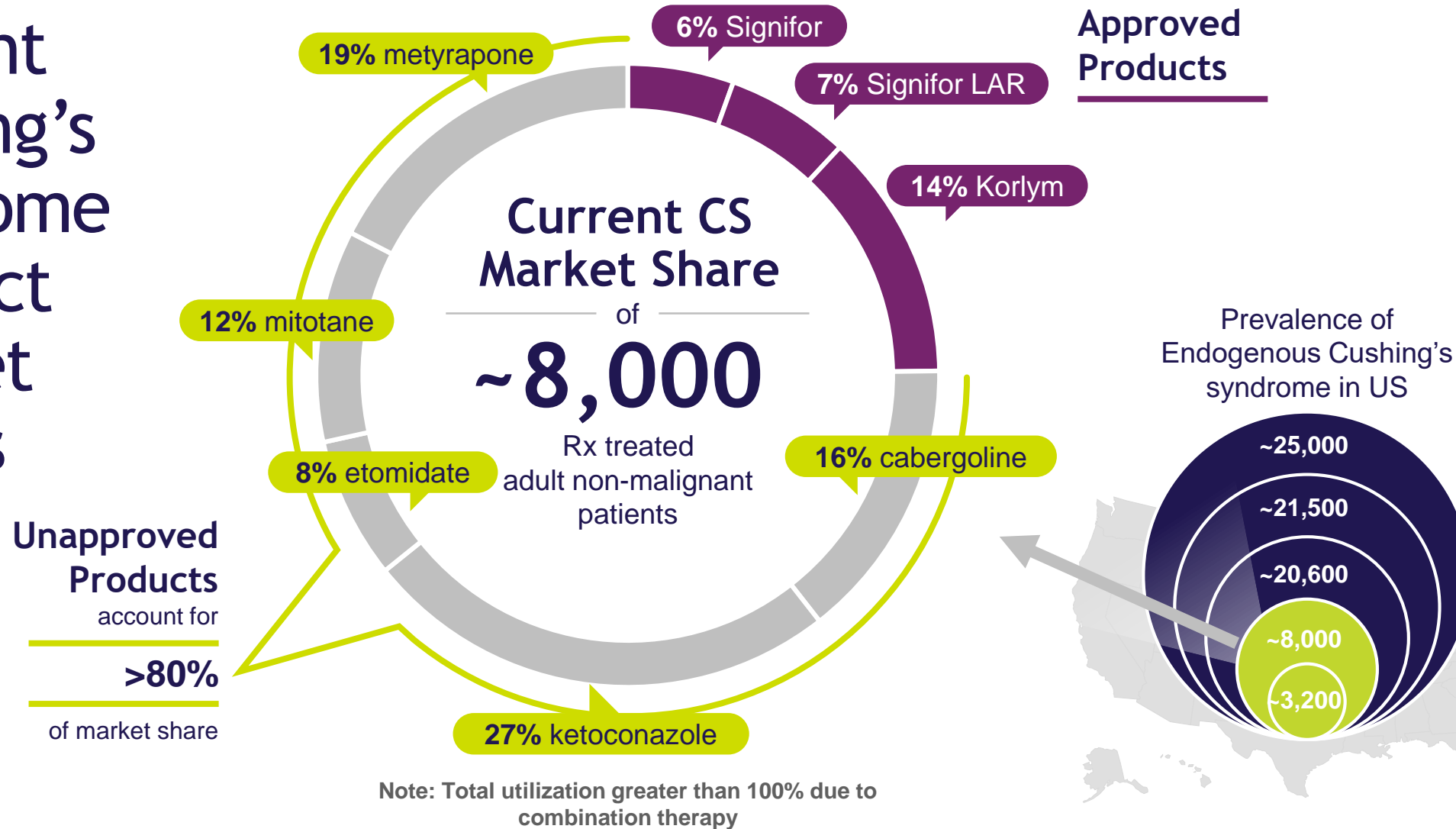
U.S. Cushing's syndrome prevalence and pharmacotherapy landscape



Source: Secondary literature and company sponsored research A07. Of your endogenous Cushing's patients currently receiving pharmacological therapy, what percent would you consider have their symptoms controlled vs. uncontrolled by their medication(s) for CS?

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Current Cushing's syndrome product market shares



Signifor and Signifor LAR are owned by Recordati; Korlym is owned by Corcept

Source: Company sponsored research

B08. Of your endogenous Cushing's syndrome patients currently receiving a pharmacological therapy pre-surgery, what percent are receiving each pharmacological therapy listed below?

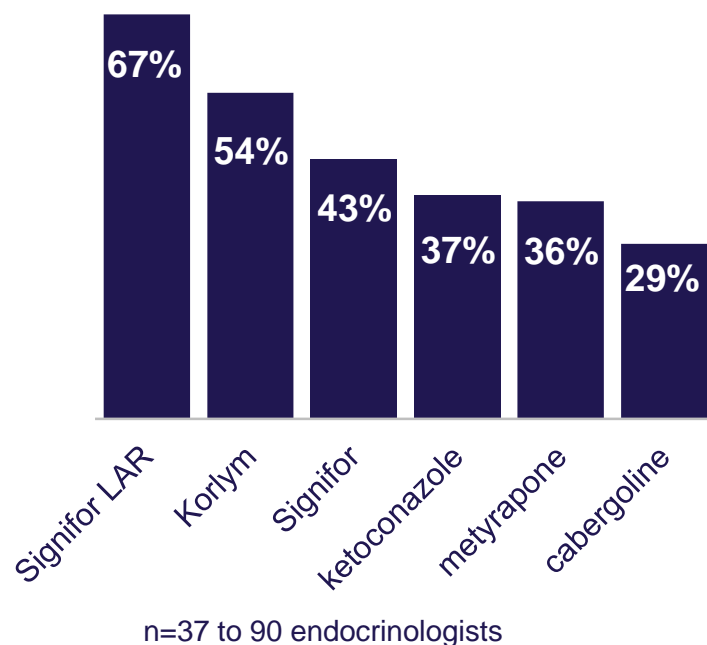
B09. Of your endogenous Cushing's syndrome patients currently receiving a pharmacological therapy post-surgery – 1st line, what percent are receiving each pharmacological therapy listed below?

B10. Of your endogenous Cushing's syndrome patients currently receiving a pharmacological therapy post-surgery – 2nd line or later, what percent are currently receiving each pharmacological therapy listed below?

Endocrinologists interest in new treatment options

★ Reported Product Satisfaction Level

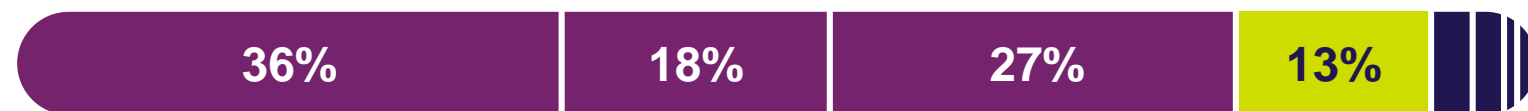
% Reporting Satisfaction Level 7-9**



Endocrinologists Express a High Level of Interest in New Treatments

9 | Extremely interested

Not at all interested 1 |



81%

of endocrinologists have moderate to high interest in new treatments for CS



Controlled vs. Uncontrolled on Pharmacological Therapy

61% Controlled

39% Uncontrolled

Source: Company sponsored research

B03. For each of the pharmacological therapies you currently use to treat endogenous Cushing's syndrome today, please rate your overall level of satisfaction with the ability of the following pharmacological therapies to manage endogenous Cushing's syndrome, using a 9-point scale where 1 = "Not at All Satisfied" and 9 = "Extremely Satisfied".

A07. Of your endogenous Cushing's patients currently receiving pharmacological therapy, what percent would you consider have their symptoms controlled vs. uncontrolled by their medication(s) for CS?

B15. In general, how interested are you in new treatments for endogenous Cushing's syndrome? Please rate on a 9-point scale, where 1 is "Not at all interested" and 9 is "Extremely interested".

Endocrinologists reaction to the Recorlev target product profile



 **Endocrinologists Reporting**
% rating 6 or higher

Likelihood to Prescribe



Fills an Unmet Need



 Overall  Endocrinologists claiming to have >40 CS patients seen in last 6 months

Source: Company sponsored research

D03. Based on this profile, what is your likelihood to prescribe Product Y? Please rate on scale from 1-9, with 1 being "Not at all likely" and 9 being "Very likely".

D02. To what extent does Product Y fill an unmet need in the treatment and management of endogenous Cushing's syndrome? Please rate on scale from 1-9, with 1 being "Not at all" and 9 being "Very much".

**Not statistically significant

Recorlev and ketoconazole product profiles*

	RECORLEV	KETOCONAZOLE
Indication	Anticipated labeling for the treatment of CS	Indicated as a last line anti-fungal; <i>FDA label warns that the use of ketoconazole in Cushing's syndrome has not been approved</i>
Clinical Data	Will be well characterized in two Phase 3 clinical trials	Not well-studied prospectively in CS
Liver Safety	In SONICS, 3.2% of patients had an ALT elevation >5x ULN	In a registry study** of 47 keto-naïve patients, 13% had an ALT elevation > 5x ULN
Liver Monitoring Scheme	In SONICS, measured at least 1x every 2 weeks during dose titration; monthly for 6 months after therapeutic dose is established; every 3 months thereafter	FDA label indicates weekly liver monitoring
Patient & Prescriber Support	Fully leverage current Care Connection patient support program and planned specialty pharmacy distribution with expertise in Recorlev pharmacology and labeled monitoring scheme	No manufacturer support provided
Dosage & Administration	SONICS/LOGICS studied doses from 150 mg once daily up to 600 mg twice daily; Median treatment duration in SONICS was 383 days	400-mg max dose, 200-mg strength, once daily; limited 6-month course

* The data set forth above is not based on directly comparable trials and/or studies

** Source: 1. Young et al. Eur J Endocrinol. 2018 Feb 22. pii: EJE-17-0886. doi: 10.1530/EJE-17-0886. [Epub ahead of print]

Current branded Cushing's syndrome therapy pricing



Annual Wholesale/
Acquisition Cost

SIGNIFOR/SIGNIFOR LAR

~\$165k

KORLYM

~\$189k – ~\$755k*

Current analogues in CS category

Branded CS products' coverage

KORLYM				SIGNIFOR		
Plan	Coverage	Prior Authorization	Step Edit*	Coverage	Prior Authorization	Step Edit*
Aetna	Specialty	✓		Specialty	✓	
CVS Caremark	Non-preferred	✓	✓	Non-preferred	✓	✓
Express Scripts	Non-preferred	✓		Preferred**	✓	
Humana	Non-preferred	✓	Info not available	Non-preferred/Not covered	✓	Info not available
Cigna	Non-preferred	✓	Info not available	Non-preferred	✓	Info not available
United Healthcare	Non-preferred	✓		Non-preferred	✓	
Blue Cross	Non-preferred/Specialty	✓		Non-preferred/Specialty	✓	
Premier Health	Specialty	✓	✓	Specialty	✓	
Medical Mutual	Specialty	✓	Step through generic or Signfor	Specialty	✓	
Geisinger	Preferred	✓		Preferred	✓	

PA CRITERIA CAN INCLUDE

Must be prescribed
by an endo

Must have failed/not be
a candidate for surgery

Must have confirmed
endogenous Cushing's diagnosis

Summary results of Recorlev payer research



Payers viewed Recorlev Sonics' clinical efficacy and safety benefits profile favorably



Payers expressed initial willingness to provide coverage throughout a tested price range of \$200K - \$400K



Payers expect to use existing utilization management restrictions to ensure only appropriate patients receive access

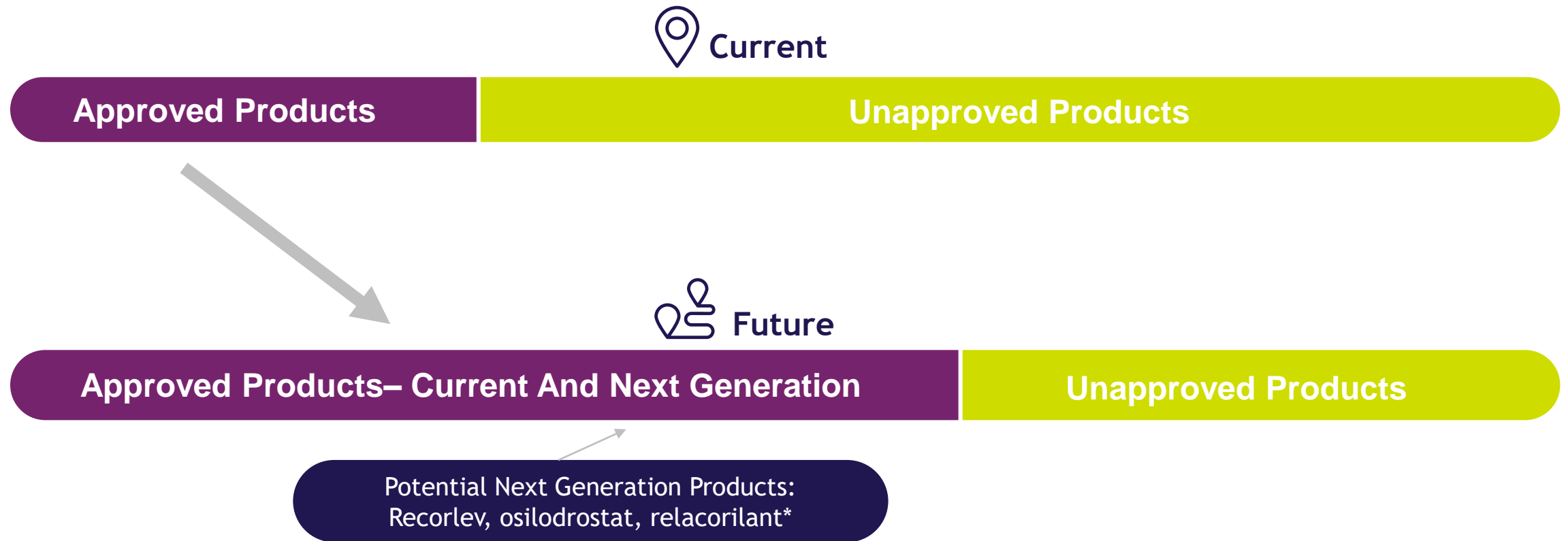


In more highly restrictive payers, new product entries may be subjected to step-edit requirement

How interested would you be to cover/include on formulary?



Next generation products are expected to lead the market in the future



Source: Company sponsored research

* Next generation products were deidentified in the market research

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Upon approval, fully leverage existing Strongbridge infrastructure and rare disease experience to commercialize Recorlev



AWARENESS & EDUCATION

- **Maximize existing MSL team**
KOL Relationships
- Foster established **Advocacy Group relationships**
- Identify and profile centers of excellence



MARKETING & ANALYTICS

- **Leverage data and analytics** to target key endocrinologists
- Establish Recorlev as a significantly differentiated next generation CS treatment option
- Communicate Recorlev's unique efficacy, safety, and QoL profile



FIELD FORCE

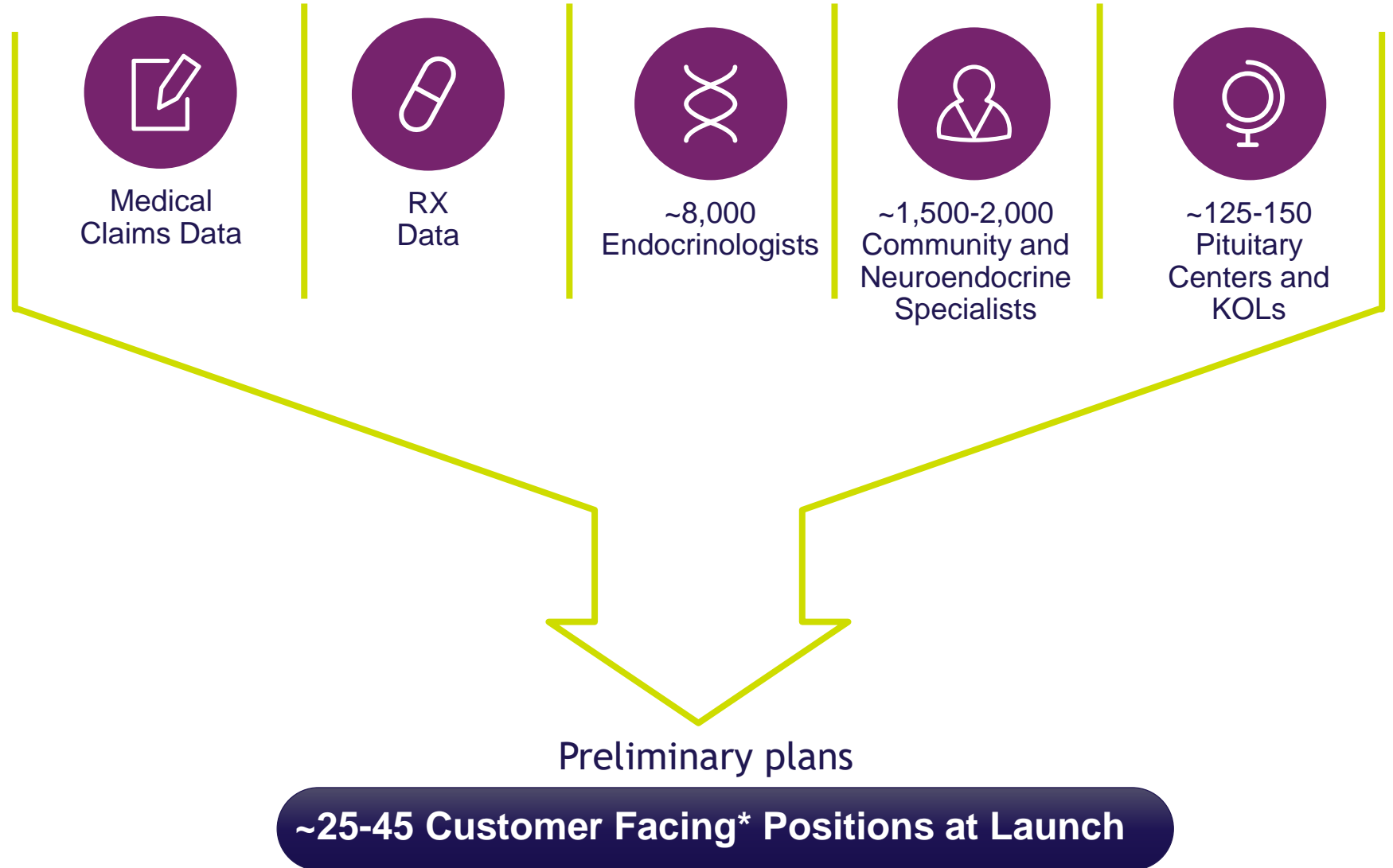
- Prioritize target customer segments relative to keto usage
- Target high volume CS practices
- Engage key centers
- **Opportunity to leverage current field team**



ACCESS & PATIENT SUPPORT

- Engage top payers to create additional choices for endocrinologists
- **Leverage CareConnection suite of patient services to educate providers and patients**
- Establish forums that support patient interactions and empowerment

Cushing's syndrome stakeholder targeting approach



*Customer facing positions may include sales, access managers, and MSLs

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

KEVEYIS

(dichlorphenamide)

The first and only FDA-approved therapy
for primary periodic paralysis*

* FDA-approved treatment for hyperkalemic, hypokalemic, and related variants of primary periodic paralysis

Primary periodic paralysis: a spectrum of rare, chronic, genetic, neuromuscular disorders

PPP

Causes recurrent, progressive, and debilitating episodes of muscle weakness and temporary paralysis²⁻⁴

Symptoms/Triggers



Symptoms
clumsiness, extreme fatigue, weakness, palpitations, pain



Triggers
potassium, carbohydrates, rest after exercise, cold exposure, stress

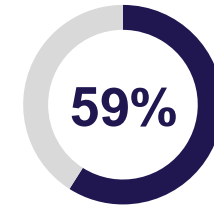
Impact of Attacks

Paralytic attacks are acute episodes that can be debilitating⁴

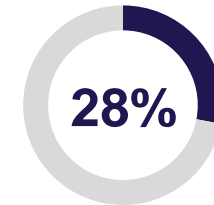
Attacks may last from one hour to several days¹

As patients age, muscle weakness can become permanent³

Frequency



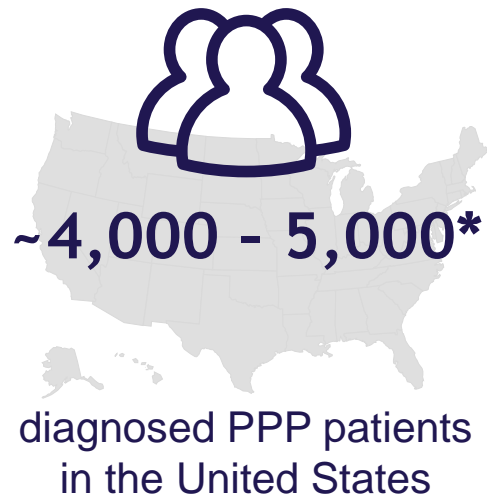
have **weekly** attacks



have **daily** attacks

1. Charles G, Zheng C, Lehmann-Horn F, Jurkatt-Rott, Levitt J. Characterization of hyperkalemic periodic paralysis: a survey of genetically diagnosed individuals. J Neurol. 2013;260:2606-2613.
2. Cannon SC. Channelopathies of skeletal muscle excitability. Compr Physiol. 2015;5:761-790.
3. Cavel-Greant D, Lehmann-Horn F, Jurkat-Rott K. The impact of permanent muscle weakness on quality of life in periodic paralysis: a survey of 66 patients. Acta Myol. 2012;31:126-133.
4. Sansone V, Meola G, Links TP, Panzeri M, Rose MR. Treatment for periodic paralysis. Cochrane Database Syst Rev. 2008; Jan 23;(1):CD005045.

Keveyis approved for the treatment of PPP in the US



The first and only FDA-approved therapy

indicated for the treatment
of primary hyperkalemic and
hypokalemic periodic paralysis
and related variants



Dosing in an oral tablet formulation

Starting
dose is

50 mg

1X or 2X daily

Can be
titrated up to

100 mg

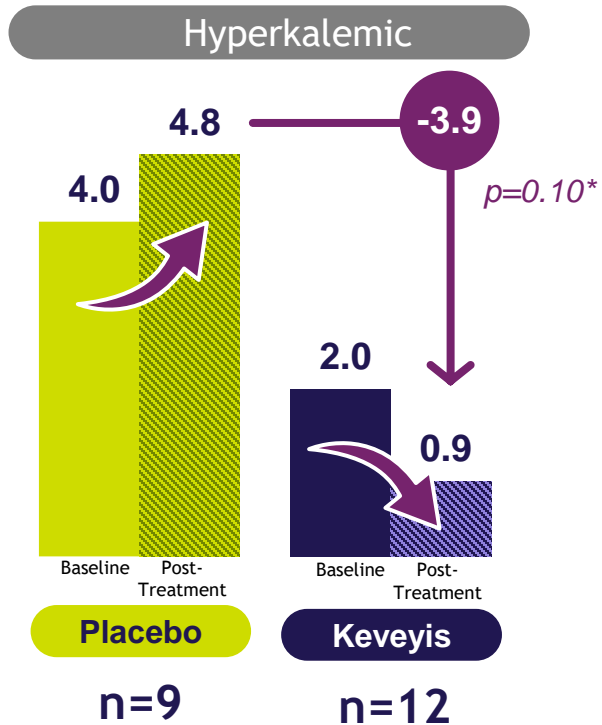
2X daily

*Based on Strongbridge analysis of medical claims database.
Identified patients were required to have medical activity of any type in the last 12-36 months.

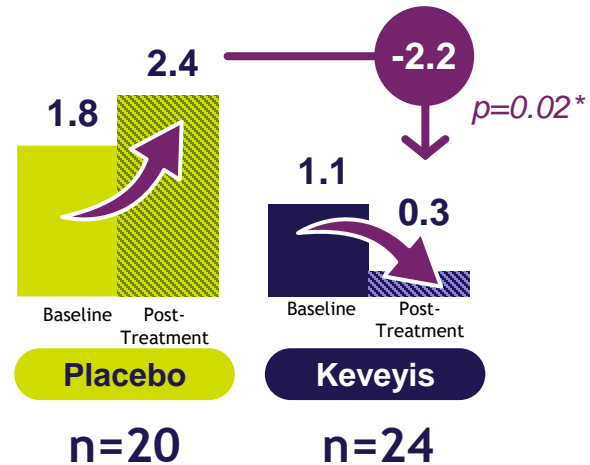
Treatment with Keveyis decreased weekly attack rates

Study 1

Decreased weekly attack rates from baseline to week 9



Hypokalemic



Study 2

Mean decrease in attack rates relative to placebo



Mean weekly attack rate at baseline was 3.8 (n=31)

Our commitment to primary periodic paralysis



Suite of Patient Services



Personalized
Support



Community
Connection



Access
Assistance



Education &
Public Awareness



Genetic
Testing

29-MEMBER CUSTOMER FACING* TEAM DEPLOYED

*Customer facing positions include sales, access managers, and MSLs

Strategic priorities & revenue guidance



Continue to Drive Revenue Growth

and increase positive contribution margin



Pursue Life Cycle Opportunities

to extend exclusivity runway beyond 2022

14 US patent applications filed



2020 Revenue guidance of \$22-\$26 Million

Building off 2019 revenue of \$21.7 Million

Q1 2020 revenue of \$6.7M up 54% from Q1 2019

IP & FINANCIALS

Intellectual property and orphan exclusivity

	Intellectual Property		Orphan Exclusivity	
	US	EU	US	EU
RECORLEV	2026 Method of use: treating Cushing's syndrome	2026 Method of use: treating Cushing's syndrome	7 years	10 years
VELDOREOTIDE	2037 Modified release formulation	Filed patent application for modified release formulation	7 years	10 years
KEVEYIS	Filed 14 patent applications	Strongbridge has US rights only	Aug 2022	Strongbridge has US rights only

The safety and efficacy of Recorlev (levoketoconazole) for treatment of endogenous Cushing's syndrome has not been established.

Summary financial information*



~\$63M

in cash, cash
equivalents, and
marketable
securities

No debt



~54.2M

shares
outstanding



**Cash
runway
through
3Q 2021**



2019

revenue of
\$21.7 million
for Keveyis
*29% growth
from 2018*



2020

full-year
Keveyis revenue
guidance of
**\$22–\$26
million**

* As of 03/31/2020

Strongbridge COVID-19 Response



Corporate

All employees successfully working virtually since March 9th

Our offices will remain closed until at least May 31



R&D

Extreme efforts and innovative measures from the clinical team, investigators, our CRO, and vendors are mitigating potential impacts of COVID-19 on LOGICS

Innovative measures include home health visits, special transportation arrangements, telemedicine, direct-to-patient drug supply delivery, and regulatory authority-sanctioned protocol and monitoring flexibility



Commercial

Field team is working virtually and adapting to novel ways of seeking new patients

Focused effort on retaining existing base of patients has been successful to date

2020 key priorities

2020 Key Priorities

RECORLEV®
(levoketoconazole)

Report top-line results for the Phase 3 LOGICS study of RECORLEV™ in endogenous Cushing's syndrome in Q3 2020

Submit an NDA for Recorlev to the U.S. FDA approximately 6 months after reporting top-line LOGICS results



Execute on life cycle opportunities underway for KEVEYIS

Continue growing the revenue and contribution margin of Keveyis and achieve or exceed \$22-26 million revenue guidance

Corporate

Manage expenses to achieve or exceed runway guidance of having cash through at least Q3 2021

Continue search for a CEO

STRONGBRIDGE BIOPHARMA PLC