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): August 10, 2016

AMICUS THERAPEUTICS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-33497

(Commission File Number)

1 Cedar Brook Drive, Cranbury, NJ

(Address of Principal Executive Offices)

71-0869350 (IRS Employer Identification No.)

08512 (Zip Code)

Registrant's telephone number, including area code: (609) 662-2000

(Former Name or Former Address, if Changed Since Last Report.)

Check the 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 provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01. Other Events.

The senior management of Amicus Therapeutics, Inc. (the "Company") is using the presentation attached as Exhibit 99.1 to this Current Report in its current meetings with investors and analysts.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits: The Exhibit Index annexed hereto is incorporated herein by reference.

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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.

Amicus Therapeutics, Inc.

Date: August 10, 2016

By: /s/ Ellen S. Rosenberg Ellen S. Rosenberg General Counsel and Corporate Secretary

EXHIBIT INDEX

<u>Exhibit No.</u> 99.1

Description	
Presentation Materials	

Exhibit 99.1



Corporate Overview



August 2016

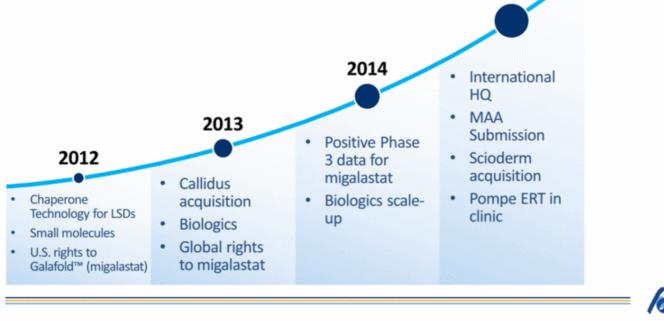
Safe Harbor

This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 relating to preclinical and clinical development of our product candidates, the timing and reporting of results from preclinical studies and clinical trials, the prospects and timing of the potential regulatory approval of our product candidates, commercialization plans, financing plans, and the projected cash position for the Company. The inclusion of forward-looking statements should not be regarded as a representation by us that any of our plans will be achieved. Any or all of the forward-looking statements in this press release may turn out to be wrong and can be affected by inaccurate assumptions we might make or by known or unknown risks and uncertainties. For example, with respect to statements regarding the goals, progress, timing, and outcomes of discussions with regulatory authorities, and in particular the potential goals, progress, timing, and results of preclinical studies and clinical trials, actual results may differ materially from those set forth in this release due to the risks and uncertainties inherent in our business, including, without limitation: the potential that results of clinical or preclinical studies indicate that the product candidates are unsafe or ineffective; the potential that it may be difficult to enroll patients in our clinical trials; the potential that regulatory authorities, including the FDA, EMA, and PMDA may not grant or may delay approval for our product candidates; the potential that we may not be successful in commercializing Galafold in Europe or our other product candidates if and when approved; the potential that preclinical and clinical studies could be delayed because we identify serious side effects or other safety issues; and the potential that we will need additional funding to complete all of our studies. Further, the results of earlier preclinical studies and/or clinical trials may not be predictive of future results. With respect to statements regarding projections of the Company's cash position, actual results may differ based on market factors and the Company's ability to execute its operational and budget plans. In addition, all forward-looking statements are subject to other risks detailed in our Annual Report on Form 10-K for the year ended December 31, 2015. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. All forward-looking statements are qualified in their entirety by this cautionary statement, and we undertake no obligation to revise or update this news release to reflect events or circumstances after the date hereof.



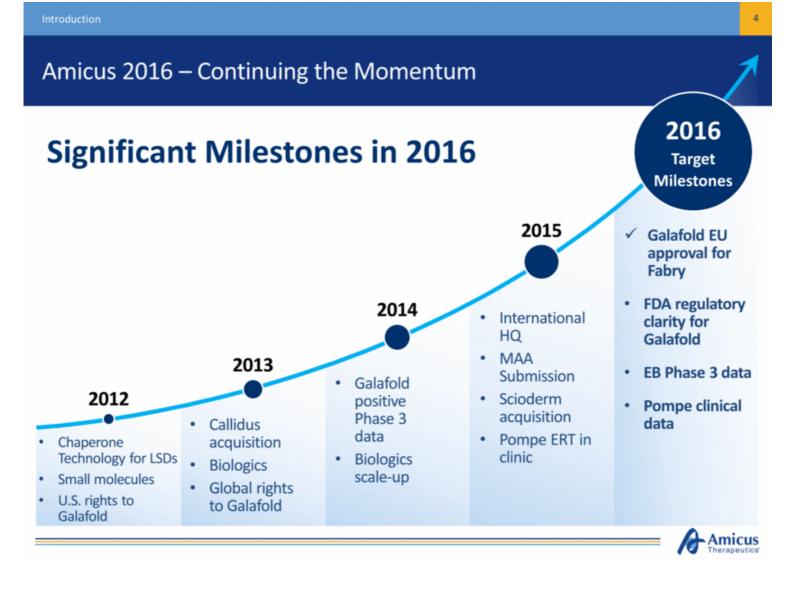
Amicus 2016 – Looking Back

Amicus Has Greatly Expanded Product Pipeline, Technologies and Geographies



2015

Amicus



Amicus Vision

Amicus Therapeutics is a global biotechnology company at the forefront of developing advanced therapies to treat a range of devastating rare and orphan diseases





Key Drivers of Value

3 Novel Product Candidates Each with \$500M to \$1B+ Market Potential

Fabry	Epidermolysis Bullosa (EB)	Pompe
Galafold Precision Medicine (Small Molecule) EU Full Approval Launched in Germany (May 30, 2016) U.S. regulatory update anticipated 3Q16	 Phase 3 Novel Topical Cream (SD-101) U.S. Breakthrough Therapy Designation Rolling NDA Phase 3 Data targeted in 4Q16/1H17 	 Novel ERT + Chaperone Treatment Paradigm Biologics Manufacturing Interim Data Anticipated in 4Q16

R&D Engine and Continued Business Development Activity





Galafold™ (Migalastat) Precision Medicine for Fabry Disease

European Commission Granted Full Approval for Galafold

Galafold Indicated for Long-Term Treatment of Adults and Adolescents Aged ≥ 16 years with a Confirmed Diagnosis of Fabry Disease and Who have an Amenable Mutation



The evaluation of EMA's Committee for Medicinal Products for Human Use (CHMP) was based on the results of two phase III clinical trials in about 110 patients with Fabry disease who had a genetic mutation which responds to migalastat. Galafold demonstrated its efficacy compared to placebo (a dummy treatment) and to ERT in a long-term comparative study.

- EMA Press Release



Fabry Disease Overview

Fabry Disease is a Fatal Genetic Disorder that Affects Multiple Organ Systems

Leading Causes of Death

TRANSIENT ISCHEMIC ATTACK (TIA) & STROKE¹

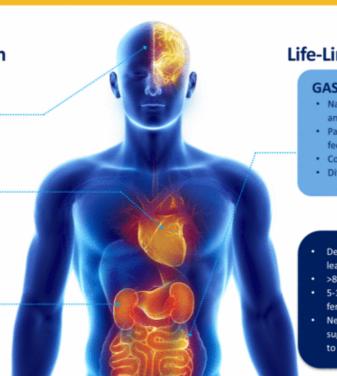
HEART DISEASE²

- Irregular heartbeat (fast or slow)
- Heart attack or heart failure
- Enlarged heart

KIDNEY DISEASE³

- Protein in the urine
- Decreased kidney function
- Kidney failure

1. Desnick R, et al. Ann Intern Med. 2003 2. Yousef Z, et al. Eur Heart J. 2013 3. Germain D. Orphanet J Rare Dis. 2010 4. Fabry Registry 2011



Life-Limiting Symptoms

GASTROINTESTINAL³

- Nausea, vomiting, cramping, and diarrhea
- Pain/bloating after eating, feeling full
- Constipation
- Difficulty managing weight

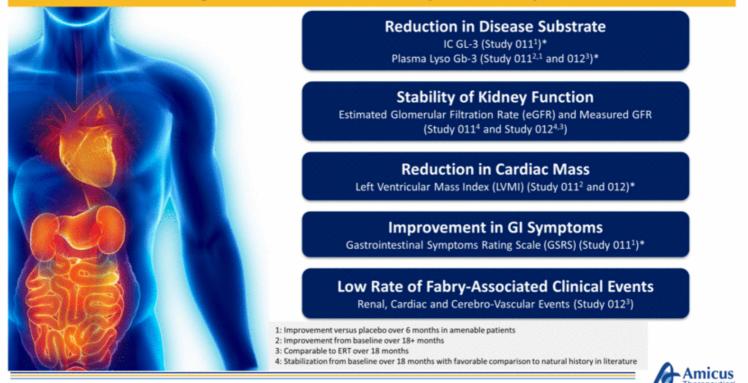
Key Facts

- Deficiency of α-Gal A enzyme leading to GL-3 accumulation
- >800 known mutations
- 5-10K diagnosed WW (51% female/49% male⁴)
- Newborn screening studies suggest prevalence of ~1:1000 to ~1:4000



Summary of Clinical Data

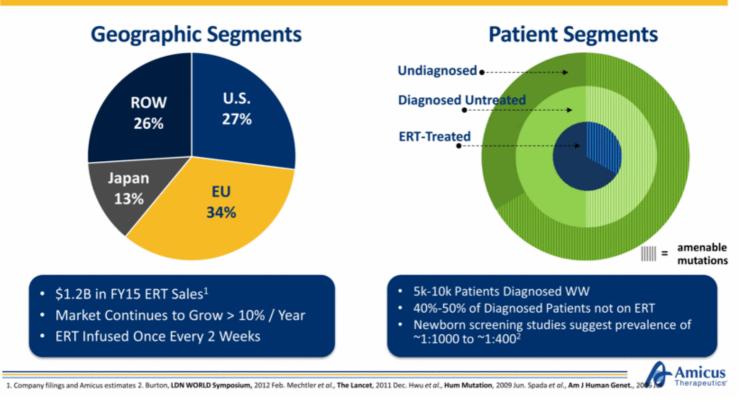
Favorable Efficacy and Safety Data in Two Largest Phase 3 Studies Ever Completed in Fabry Disease



*Analyses in this endpoint achieved statistical significance. For more complete clinical data go to amicusrx.com/posters.aspx

Galafold Commercial Opportunity

Amicus is Prioritizing EU, Japan, US and Other Large Fabry Markets for Initial Launch Go To Market Strategy to Address 35%-50% of Patients with Amenable Mutations



Galafold: Precision Medicine for Fabry Diseas

International Launch Update

EU Market Represents 34% of FY15 ERT Global Sales (\$1.2B)

GERMANY

ERT-treated patients : ~500 patients ~50% of diagnosed patients untreated Galafold launched – initial patients on treatment

FRANCE

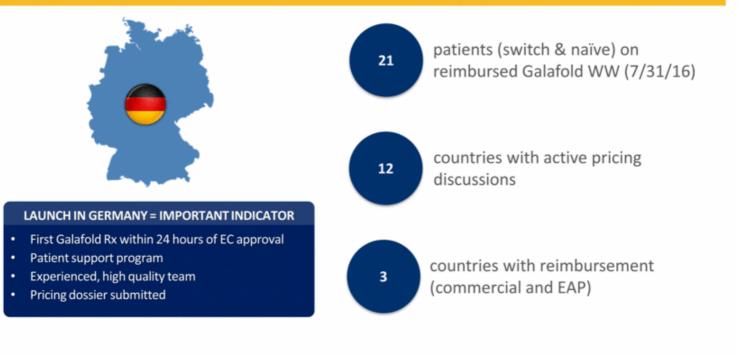
ERT-treated patients : ~375 patients Multiple patients treated under ATU

UNITED KINGDOM ERT-treated patients: ~450 Highly Specialised Technology (HST)



EU Launch Update

Successful Early Days of EU Launch with Naïve and Switch Patients on Galafold – Focusing on Patient Access and Country-by-Country Reimbursement Processes



Amicus

Global Regulatory Strategy

Prioritizing Global Regulatory Submissions in Key Markets (US and Japan) with Additional Submissions Completed or Planned Based on EU Approval (MAA)



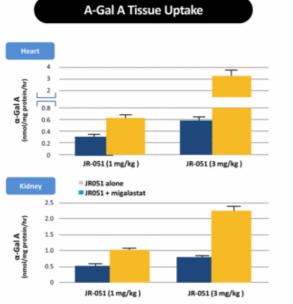
Novel Proprietary Fabry ERT

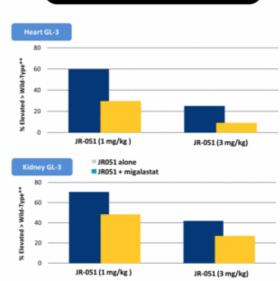
Amicus Proprietary Fabry ERT

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CHART Preclinical Proof-of-Concept for Fabry Co-Formulation

Co-Formulation (ERT + Migalastat) Results in Significantly Greater Tissue Uptake and Further Substrate Reduction*





GL-3 Substrate Reduction

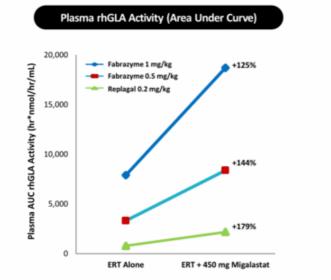
*ERT+/- Migalastat HCI in GLA Knock-Out Mice (Repeat-Dose IV Administration)

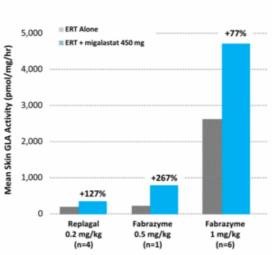
*ERT designed to be biosimilar to Fabrazyme; **0 = wild-type, 100 = untreated KO mouse



CHART Phase 2a Results for Fabry Co-Administration Study 013

Co-Administration with Fabrazyme or Replagal Leads to Consistent Increases in Active Plasma Enzyme Levels and Tissue Uptake¹



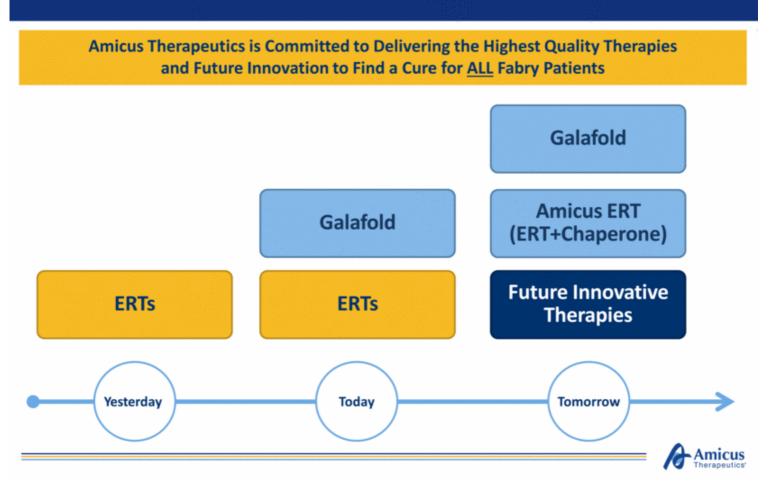


Mean Skin GLA Activity (Day 2)

¹ Bichet, et al., A Phase 2a Study to Investigate the Effect of a Single Dose of Migalastat HCI, a Pharmacological Chaperone, on Agalsidase Activity in Subjects with Fabry Disease, LDN WORLD 2013.



Fabry Franchise Strategy





ATB200 Novel ERT for Pompe Disease

A Proprietary, Clinical-Stage Biologics Program

Pompe Disease Overview

Severe, Fatal, Genetic Disorder with Significant Unmet Medical Need



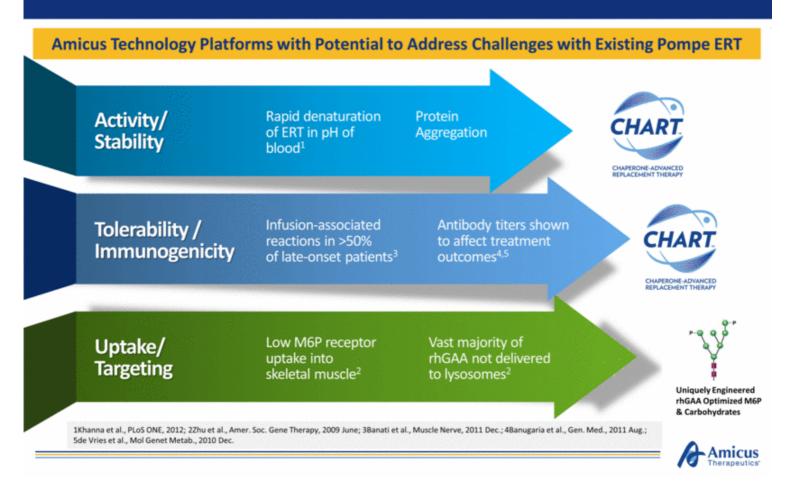
- Deficiency of GAA leading to glycogen accumulation
- Age of onset ranges from infancy to adulthood
- Symptoms include muscle weakness, respiratory failure, and cardiomyopathy
- Respiratory and cardiac failure are leading causes of morbidity and mortality
- 5,000 10,000 patients diagnosed WW¹
- ~\$800M+ Global Pompe ERT sales in FY15²

1. National Institute of Neurological Disorders and Stroke (NIH). 2. Sanofi Press Release & 10-K



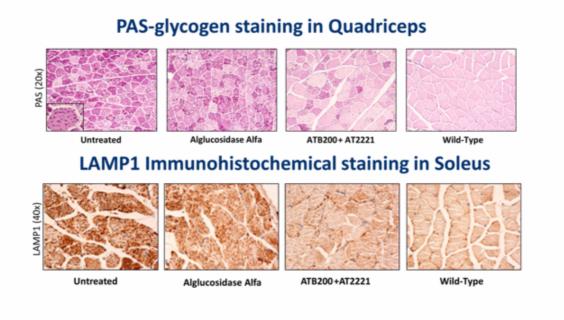
Novel ERT for Pompe Disease – ATB200 + Chaperone

Pompe ERT - 3 Challenges



Preclinical Proof of Concept

ATB200 + Chaperone Results in Improved Substrate Clearance in Preclinical Models¹

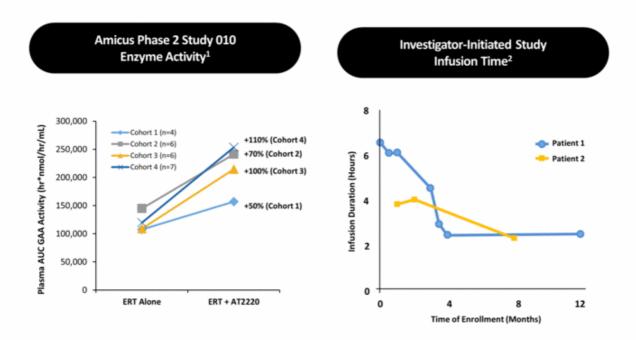


1. Following 2 doses of 20mg/kg alglucosidase alfa or ATB200 + AT2221 in Gaa KO mice, skeletal muscles evaluated for glycogen clearance and proliferated lysosomes. Treatment with alglucosidase alfa modestly reduced glycogen or proliferated lysosomes while ATB200, co-administered with AT2221 significantly decreased the muscle pathology associated with Pompe disease.



Human Proof-of-Concept: Currently Marketed ERT + Chaperones

ERT Activity Increased and Infusion Time Decreased with ERT + Chaperone



¹ Kishnani, et al., LDN WORLD 2013

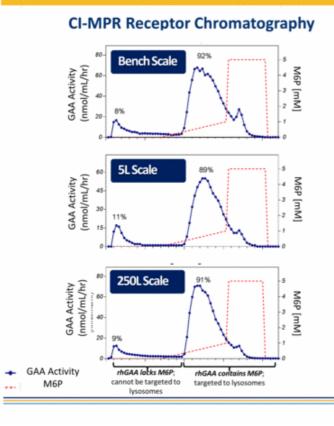
² Doerfler, et al. WORLD 2014

* Cohort 1 (AT2220 50 mg) muscle GAA activity not shown; 50 mg dose did not demonstrate meaningful change in tissue uptake (muscle)



Biologics Manufacturing Capabilities

Optimized Glycosylation and Key Quality Attributes Maintained Through Scale Up



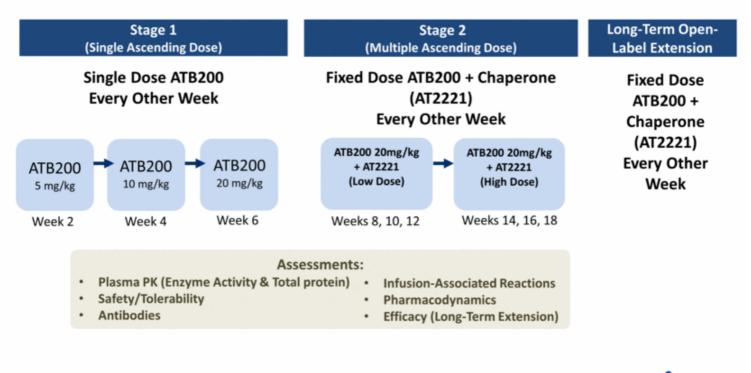
Lyophilized Vial of ATB200





Clinical Study in Pompe Patients

Patient Dosing Underway and Enrollment Ongoing at Multiple Sites

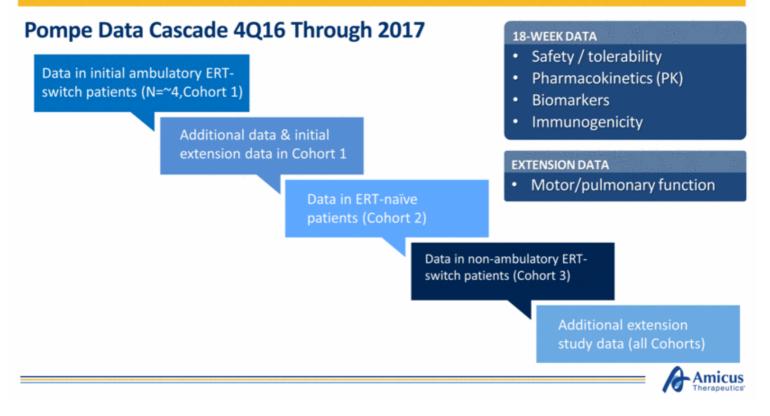


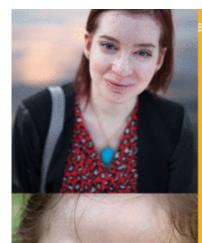


Novel ERT for Pompe Disease – ATB200 + Chaperone

Pompe Clinical Study ATB200-02 Data Cascade

A Cascade of Data Points from 4Q16 through 2017 Offer Clear Parameters to Define Success and Differentiate ATB200/AT2221





SD-101 for Epidermolysis Bullosa (EB)

Poised to deliver pivotal data for a devastating rare disease

EB Disease Overview

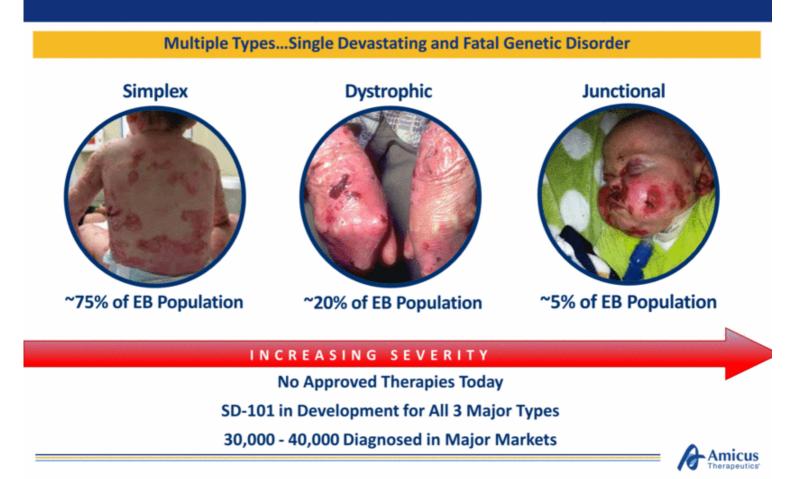
Rare, Devastating, Connective Tissue Disorder with No Approved Treatments



- Multiple genes cause disease which results in fragility of skin and can affect internal organs
- Diagnosed from infancy to adulthood
- Severe blistering, open wounds, and scarring in response to minor friction to the skin
- Disfiguring, excruciatingly painful, and can be fatal
- Given the lack of approved treatment options, any reduction in disease symptoms would be considered meaningful
- 30,000 40,000 diagnosed patients in major global regions



Three Major EB Types Represent ~99% of EB Population



U.S. Breakthrough Therapy Designation

Positive Early Results from Phase 2a Study Led to Breakthrough Therapy Designation

- Open-label, 8-patient proof of concept study¹
- Ages 6 months 9 years
- All baseline target wounds ≥ 10 cm²
- SD-101 3% applied once daily for 3 months

Key Findings

87.5%

of patients experienced complete closure of target wounds within 1 month 57% reduction in affected body surface area by month 3

Daily administration generally safe and well-tolerated

1. Simplex (n=3), Junctional (n=3), Dystrophic (n=2)

1-Year-Old Girl with EB Simplex



Baseline

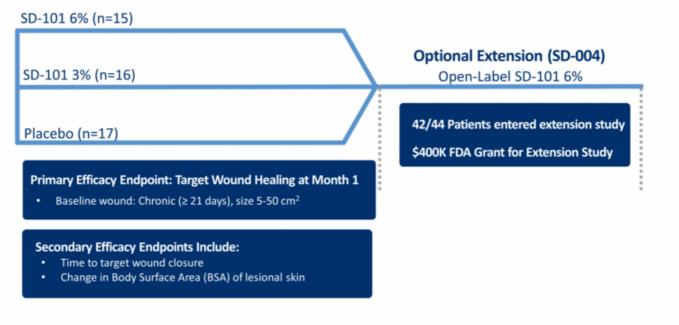


Following 2 months of treatment



Phase 2b Design (Study 003)

3-Month, Double-Blind Treatment Period¹



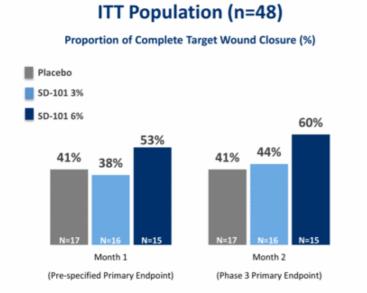
48 EB patients (age ≥ 6 months)¹ - 1:1:1 Randomization - Daily Topical Application

1. Assessments: 0, 14, 30, 60, 90 Days. 2. Initial Disease Severity: Mean target lesion size (cm²) 14.0 (range 5-39); mean lesional BSA: 19.4% (range 0.4-48%); mean wound age (days): 182 (range 21-1,639). EB types enrolled: Simplex (n=11), Dystrophic (n=29), and Junctional (n=8)



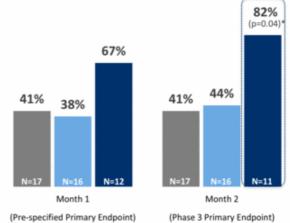
Phase 2b Results

SD-101 6% Demonstrated Higher Proportion of Complete Target Wound Closure



Evaluable Population¹ (n=45)

Proportion of Complete Target Wound Closure (%)

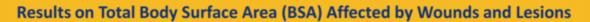


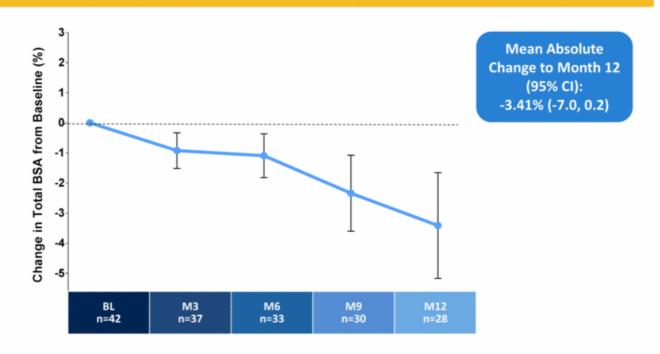
*SD-101 6% vs placebo, unadjusted p=0.04

1. Excluded from Evaluable population: 1 patient (due to lost to follow-up), 2 patients (did not have single identified and qualified target lesion). 1 additional patient lost to follow up after Month 1 visit and is excluded from target wound assessment at later time points



Phase 2b Extension (Study 004) Results





Note: Mean and SEM on change from baseline are plotted. Study 004 Total BSA baseline values are: N=42 Baseline population: 11.3. N=28 population used for Month 12 comparison: 10.9



EB Program Update - Phase 3 ESSENCE Study (SD-005)

Following Recent Meeting with FDA, Amicus has Elevated Time to Wound Closure From Secondary to Co-Primary Endpoint. We Believe This Change Improves the Overall Likelihood of Study Success while ESSENCE Study Remains Blinded.



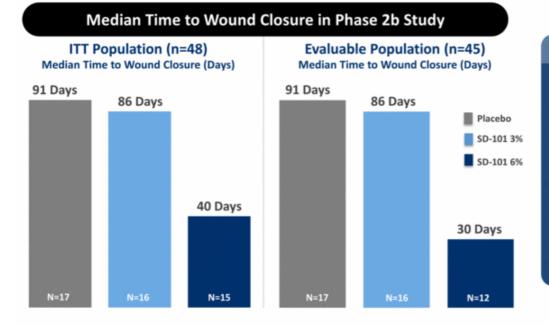
PHASE 3 ESSENCE STUDY STATUS

- >50% of target enrollment achieved
- 100% conversion to extension study (SD-006)
- Top-line Phase 3 data anticipated 4Q16/1H17



Elevation of Time to Wound Closure as Co-primary Endpoint

FDA 2006 Guidance Document¹ States Time to Wound Closure is an Acceptable Primary Efficacy Endpoint



Time to Wound Closure

- Encouraging results in SD-101 Phase 2b study
- Measuring healing over time vs. one time point may further control for placebo response
- Results correlate with incidence of complete wound closure
- Statistical simulations indicate addition of time to wound closure increases probability of study success

 ${}^{1}http://www.fda.gov/downloads/drugs/guidancecomplianceregulatory information/guidances/ucm071324.pdf$

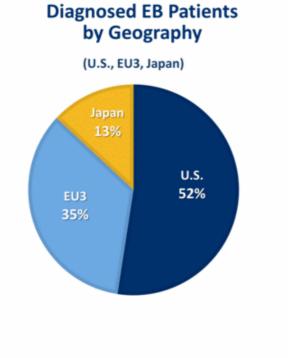


Phase 3 ESSENCE Study Design (SD-005)

Study Success Potentially Based on Achievement of One or Both Co-Primary Endpoints 3-Month, Double-Blind Treatment Period SD-101 6% **Optional Extension (SD-006)** Open-Label SD-101 6% ~150 EB patients (age \geq 1 month) Baseline wound: Chronic ($\geq 21 \text{ days}$), size $\geq 10 \text{ cm}^2$ 100% Participation in Extension Study Placebo (August 1, 2016) **Co-Primary Endpoints** Complete closure of target wound (previously specified primary endpoint) Average Baseline Target Time to target wound closure (elevated from secondary to co-primary) Wound Size in Phase 3 Population: ~20 cm² Secondary Endpoints Include: Covariates include age of (August 1, 2016) Change in Body Surface Area patient and size of wound at (BSA) of lesions and blisters baseline Patient-reported itching Patient-reported pain Amicus

\$1B+ Commercial Potential

KOL Feedback Supports Profound Unmet Medical Need and Broad Usage in All EB Types



Significant Unmet Clinical Need

- No approved treatments, opportunity for first-in-class
- Promising proof of concept in all EB types

Strong Support Among Surveyed Stakeholders

- Physicians indicate usage in 100% patients
- Payers indicate support for broad reimbursement if approved

Large Commercial Opportunity

- 30,000 40,000 diagnosed patients in major markets
- KOLs expect diagnosis rates to increase



CDKL5 Deficiency Program

Cyclin-Dependent Kinase-Like 5 (CDKL5) Deficiency

Rare, Devastating, Genetic Neurological Disease with No Approved Treatments



- Genetic mutations in CDKL5 gene result in deficient protein essential for normal brain development
- Persistent, spontaneous seizures starting in infancy
- Severe impairment in neurological development
- Most affected children cannot walk, talk or care for themselves
- May include scoliosis, visual impairment, sensory issues, and gastrointestinal complications
- >1,200 documented cases worldwide¹
- Patient identification rising significantly





Strategic Fit with Amicus Vision and Biologics Pipeline

New CDKL5 Program Expands Biologics Pipeline and Fits with Our Vision to Build a Leading **Global Biotechnology Company Focused on Rare and Devastating Diseases**

CDKL5 is a rare, devastating genetic neurological disease with no approved treatment

Potential first-in-class CDKL5 protein replacement therapy expands biologics pipeline

Partnering with CDKL5 community to raise awareness and advance toward treatment

This CDKL5 program is an important investment in our stated strategy to expand our biologics pipeline by integrating new, innovative technologies to develop firstand best-in-class therapies for patients who are in desperate need of new treatments."

-John F. Crowley, Chairman and CEO of Amicus

I am confident the Company's advancement of this program will raise CDKL5 awareness and, most importantly, increase the potential for success in developing a CDKL5 protein replacement therapy." - Michael Jasulavic, Founder of MiaMed

Today there is no approved treatment for people living with CDKL5 deficiency, and the number of patients diagnosed has been increasing rapidly ... "

> - Ashley R. Winslow, PhD, Director of Neurogenetics of the Orphan Disease Center at University of Pennsylvania





Financial Summary

Strong Balance Sheet to Invest in Rare Disease Pipeline

Financial Summary

Strong Balance Sheet

Balance Sheet Strengthened with \$130M in Equity and Debt Proceeds Since March 31 with Cash Runway into 2H17

Financial Position	June 30, 2016	
Cash:	\$214.2M	
Debt	\$80.0M	
FY16 Net Cash Spend Guidance:	\$135-\$155M (maintained)	
Cash Runway	Into 2H17	
Full Allotment Raised in ATM (average price per share: \$6.67)	\$100M (\$61.7M in 2Q; \$39.3M in 3Q)	
Capitalization		
Shares Outstanding	134,408,526	
		15

Key Drivers of Value

3 Novel Product Candidates Each with \$500M to \$1B+ Market Potential

Fabry	Epidermolysis Bullosa (EB)	Pompe
Galafold Precision Medicine (Small Molecule) EU Full Approval Launched in Germany (May 30, 2016) U.S. regulatory update anticipated 3Q16	 Phase 3 Novel Topical Cream (SD-101) U.S. Breakthrough Therapy Designation Rolling NDA Phase 3 Data targeted in 4Q16/1H17 	 Novel ERT + Chaperone Treatment Paradigm Biologics Manufacturing Interim Data Anticipated in 4Q16

R&D Engine and Continued Business Development Activity



Thank You



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