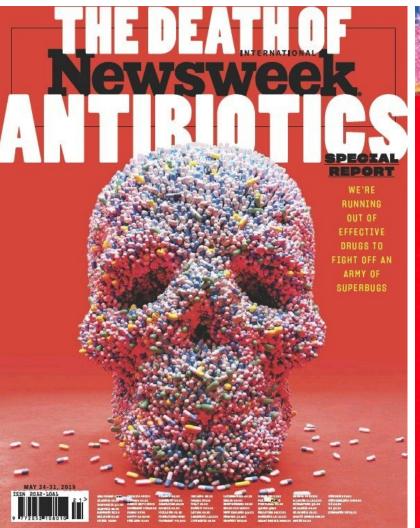


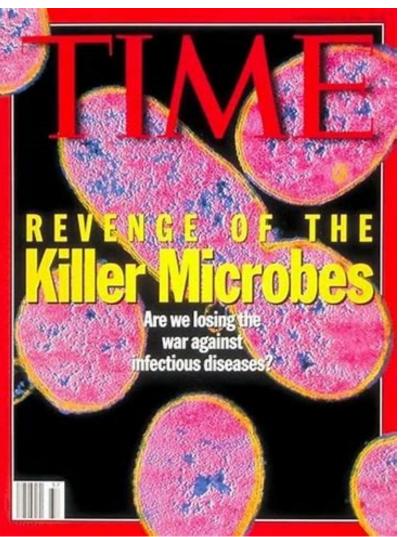
Addressing the Worldwide Epidemic of Antibiotic Overuse

Antibiotic Resistance: The Next Pandemic







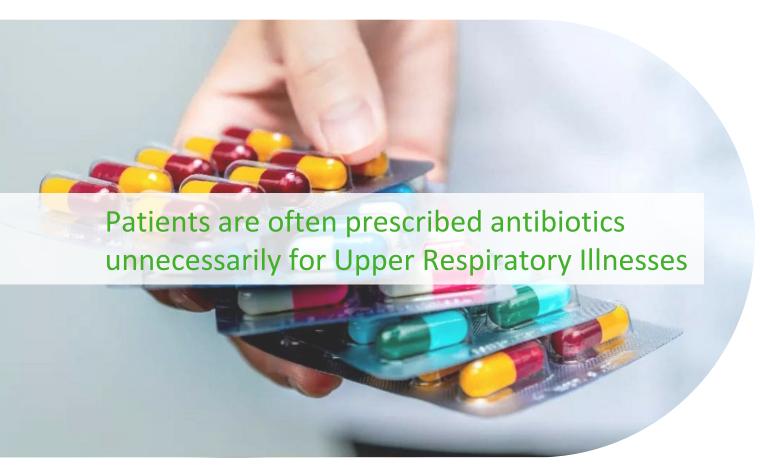






Problem - The Overuse of Antibiotics









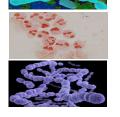


73 million office visits in U.S.

- Acute Sinusitis-11MM
- Acute Bronchitis-15MM
- Acute Otitis Media-27MM
- Acute Pharyngitis & Tonsillitis-19MM

Bacterial form of illness is caused by three pathogens

- M. catarrhalis
- H. influenzae
- S. pneumoniae



Currently Physician makes a diagnosis based on symptoms and history without a test

Significant number of patients receive unnecessary antibiotics







Largest reason for antibiotic Rx's in clinics



Affects 73 million in U.S. & EU annually

- 29 Million in U.S.
- 44 Million in EU

Physician makes a Dx based on symptoms and history without a test

- 80% of patients receive antibiotics
- Only 10% need them





Entvantage's Sinu-Test® Bacterial Sinusitis Test Kit

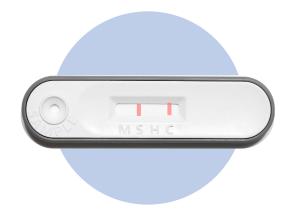


Our diagnostic product enables physicians to provide rapid diagnosis at the point-of-care and avoids patients getting unnecessary antibiotics.



Sinu-Test[®]
Collection Device

Quick collection of sinus specimen



Bacterial Assay

Rapid pathogen detection



Digital Reader

Rapid, accurate results





Unrivaled Competitive Position



Entvantage has multiple key issued patents that limit competition

- Collection Device
- Lysis Buffer
- H. influenzae cell markers

Uses established No Office Based Diagnostic Product clinical workflows and **Available** procedures



Competitive Landscape



	Primary Care	ENT
Acute Sinusitis Patient Visits/Year	10MM	1MM
Point-of-Care Test	No	No
Endoscopic Exam & Culture	No	
Imaging (CT or X-ray)	No	✓
Empiric Treatment	✓	No



Patent Status



US:

- · 10,921,320
- · 10,620,221



• US:

• 9,606,118



Patents Issued in U.S. and EU

US:

- · 9,568,472
- · 10,048,261
- · 10,345,300



Patent Licensed From OSU/NCH Issued in U.S., EU, Australia, Canada & Japan



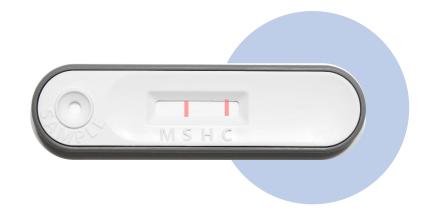


Preclinical Performance Data

- Anatomical Studies
- Pilot Human Studies
- Assay Performance Studies



Sinu-Test is a FDA Class II Denovo Product



VENT/antage





Reimbursement in Place



Established Reimbursement with Independent Validation

\$55 per test using existing CPT codes

87804 87899 87899-59 H. Influenzae S. Pneumoniae M. Catarrhalis



Use of ENTV Test Lowers Treatment Costs

- Standard of Care cost = \$402
- Sinu-Test Treatment Cost = \$124





Simple Business Model



ENTVANTAGE





- \$30 per test
- \$6 per test cost

PHYSICIAN



- \$55 clinic revenue
- 34% increase in office visit revenue





Product Pipeline



INDICATION

ANNUAL U.S. OFFICE VISITS MARKET SIZE

ANNUAL U.S.

DEVELOPMENT STATUS

Acute Sinusitis

10.9 MM

\$605мм FDA pivotal trial underway in U.S.

2025 Market Launch

















INDICATION

ANNUAL U.S. ANNUAL U.S. OFFICE VISITS MARKET SIZE

DEVELOPMENT STATUS

Acute **Bronchitis** 14.8 MM

Proof of Concept Completed

2026 Market Launch











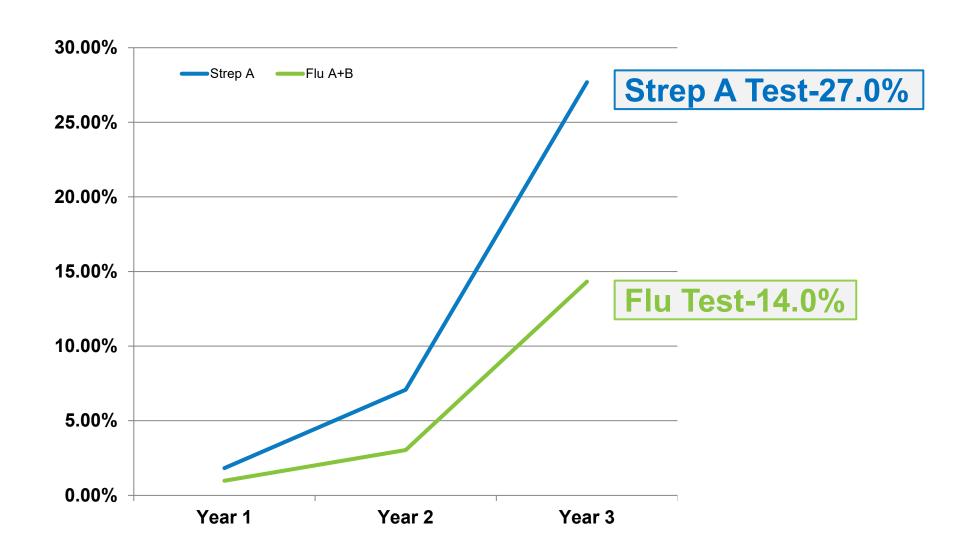








Market Penetration Comparisons







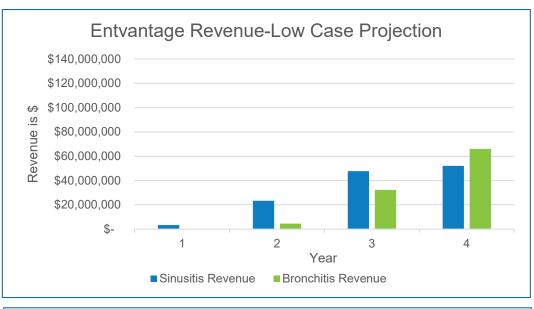
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	7

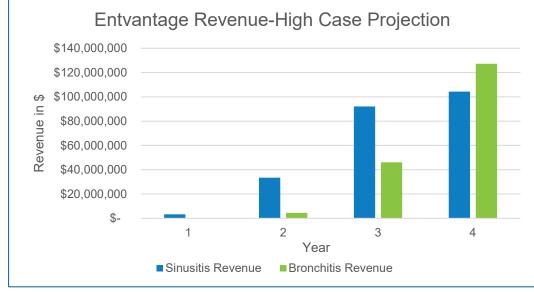
Market Size in Cases-U.S. Only	Year 1	Year 2	Year 3	Year 4		
Acute Sinusitis	10,923,520	11,141,990	11,364,830	11,592,126		
Acute Bronchitis	14,794,682	15,090,575	15,392,387	15,700,235		

Market Size in \$-U.S. Only	Year 1	Year 2	Year 3	Year 4
Acute Sinusitis	\$ 327,705,590	\$ 334,259,702	\$ 340,944,896	\$ 347,763,794
Acute Bronchitis	\$ 443,840,454	\$ 452,717,263	\$ 461,771,608	\$ 471,007,041

Low Projections	Year 1	Year 2	Year 3	Year 4
Market Penetration Rate	1%	7%	14%	15%
Units Sold	109,235	779,939	1,591,076	1,736,501
Sinusitis Revenue	\$ 3,277,056	\$ 23,398,179	\$ 47,732,285	\$ 52,095,016
Market Penetration Rate		1%	7%	14%
Units Sold	1	150,906	1,077,467	2,198,033
Bronchitis Revenue	\$ 1	\$ 4,527,173	\$ 32,324,013	\$ 65,940,986
Total Revenue	\$ 3,277,056	\$ 27,925,352	\$ 80,056,298	\$ 118,036,002

High Projections	Year 1	Year 2		Year 3		Year 4
Market Penetration Rate	1%		10%		27%	30%
Units Sold	109,235		1,114,199		3,068,504	3,477,638
Sinusitis Revenue	\$ 3,277,056	\$	33,425,970	\$	92,055,122	\$ 104,329,138
Market Penetration Rate			1%		10%	27%
Units Sold			150,906		1,539,239	4,239,063
Bronchitis Revenue		\$	4,527,173	\$	46,177,161	\$ 127,171,901
Total Revenue	\$ 3,277,056	\$	37,953,143	\$	138,232,283	\$ 231,501,039









Management Team





Joe Skraba, President & CEO

- Medical Device Engineer
- 30 years of experience in medical product commercialization
- MSTC Graduate 2003
 University of Texas at Austin



Oriana Hawkins,
PhD-Assay Development Director

- PhD Microbiology/Immunology-Univ. of Oklahoma
- NIH Sponsored Post Doc-Vanderbilt



Elisa Maldonado-Holmertz,

Director of Regulatory & Quality

- Significant experience in life science industry
- Expertise in medical device quality and regulatory
- Bachelor degree in Biology University of Texas at Austin





Board of Directors





Rick Hawkins,Chairman Of The Board

- Serial Life Science Entrepreneur
- Founder of Pharmaco, Sensus Pharma & LabNow
- Current Founder/CEO Lumos Pharma



Friedhelm Blobel, PhD,
Series B Director

- Former CEO SciClone Pharma, sold in 2017
- Former CEO of Gryphon Therapeutics
- Former Senior Executive Hoechst Group & Boehringer Mannheim Group



John Paulos, PhD, Director & Series A Lead

- Ex-semiconductor executive
- Former Director of Central TX Angel Network
- Active Angel investor & Board Member





Medical Advisory Board





Amber Luong M.D., Ph.D.

- Professor in Otolaryngology & Immunology
- Vice Chair of Research





Brent Senior, M.D.

- Vice Chair of Academics and Outreach
- Chief: Division of Rhinology, Allergy and Endoscopic Skull Based Surgery





Ayesha Khalid, M.D., MBA

- Assistant Professor Otolaryngology-Harvard Medical School Staff
- MIT Sloan MBA







Samer Fakhri, M.D.

- ENT at Kelsey-Seybold Clinic-Houston
- Former Professor and Chair in Otolaryngology







Karen Stierman, M.D.

- ENT Surgeon
- Affiliate Faculty of the Department of Surgery and Preoperative Care

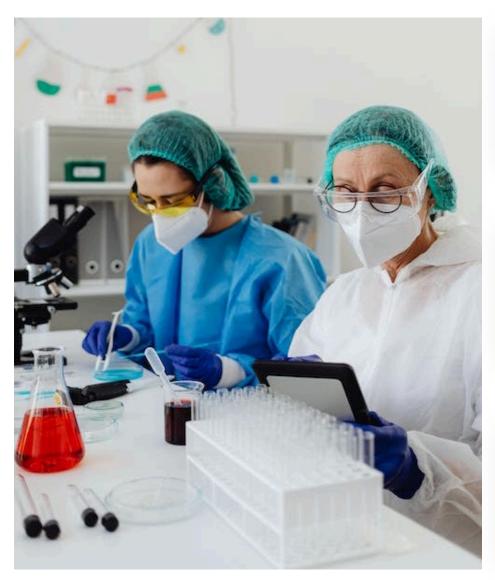






Multicentered Clinical Trial Status





FDA Pre-Submission Meeting Held

Commenced
Multicentered Trial in
October 2021

Single visit trial

 6 U.S. sites expanding to 15 sites

Compare endoscopic collection vs Sinu-Test assay

 Composite endpoint using bacterial culture and PCR

200 patients enrolled in pivotal study

Initial results show 95.7% Overall Percent Agreement



What We Need?





- Complete multicentered clinical trial for 510(k) and CLIA Waiver
- Submit for FDA Clearance
- Commence clinical testing for Bacterial Bronchitis
- Commence early commercial scale-up activities
- Seek U.S. distribution partner
- Seek ex-U.S. distribution and licensing partners







Testing for Sinusitis and Bronchitis a \$1.4 Billion U.S. Market Opportunity

No rapid diagnostic tests available



Average reimbursement at ~\$55 per test

Strong and Growing IP portfolio

Issued and pending applications in multiple territories



Favorable Regulatory EnvironmentClear 510(k) regulatory path



Reduces Treatment Cost

Reduce standard treatment cost from \$400 to \$125 with use of test



Experienced Management Team and Advisors



Everybody Wins





Patient

- Individualized, Personalized care
- Defend against antibiotic resistance.



Physician

- Provide improved patient care
- Increased clinic revenue



Insurance Payer

- Improved patient care
- Reduced treatment cost







Thank you!



Joe Skraba

≥ jskraba@entv-dx.com

t. 512-431-6071





Market Model Assumptions-Sinusitis:

	Case 1-Sinusitis	Case 2-Sinusitis					
Condition		Total by Illness	Condition	Total	by Illness		
Acute Sinusitis		10,709,333	Acute Sinusitis			10,709,333	
Acute bronchitis		14,504,590	Acute bronchitis			14,504,590	
Year 1 Market Share		1.0%	Year 1 Market Share	<u> </u>		1.0%	
Year 2 Market Share		7.0%	Year 2 Market Share	9		10.0%	
Year 3 Marketshare		14.0%	Year 3 Marketshare			28.0%	
Increase in Marketsha	re post Year 3	7.0%	Increase in Markets	hare post Year 3	7.0%		
Market Growth for Ye	ars 2-7	2.0%	Market Growth for Years 2-7		2.0%		
Market Growth for Ye	ars 8-10	2.0%	Market Growth for Years 8-10		2.0%		
Growth Rate for Term	inal Value	2.0%	Growth Rate for Terminal Value			2.0%	
Sales Price per Proced	ure	\$ 30.00	Sales Price per Procedure		\$	30.00	
COGS per Procedure		\$ 6.00	COGS per Procedure	9	\$	6.00	
SGA as a % of Sales		25%	SGA as a % of Sales			25%	
Effective Tax Rate		23%	Effective Tax Rate			23%	
Discount Rate		15%	Discount Rate			15%	
Sinusitis Totals			Sinusitis Totals				
Market Share-Year 10		21.0%	Market Share-Year 10			40.5%	
Present Value without	Terminal Value	\$ 85,077,149	Present Value withou	out Terminal Value	\$	168,197,393	
Present Value with Te	rminal Value	\$ 176,231,095	Present Value with Terminal Value \$ 2			251,720,863	





Market Model Assum[ptions-Bronchitis:

Case 1-Bronchitis				Case 2-Bronchitis					
Condition		Total b	y Illness	Condition		Total	by Illness		
Acute Sinusitis			10,709,333	Acute Sinusitis			10,709,333		
Acute bronchitis			14,504,590	Acute bronchitis			14,504,590		
Year 1 Market Share			1.0%	Year 1 Market Shar	e e		1.0%		
Year 2 Market Share			7.0%	Year 2 Market Shar	e		14.0%		
Year 3 Marketshare			14.0%	Year 3 Marketshare	9		28.0%		
Increase in Marketshar	e post Year 3		7.0%	Increase in Markets	share post Year 3	7.0%			
Market Growth for Yea	irs 2-7		2.0%	Market Growth for	Years 2-7	s 2-7			
Market Growth for Yea	rs 8-10		2.0%	Market Growth for Years 8-10		2.0%			
Growth Rate for Termi	nal Value		2.0%	Growth Rate for Terminal Value			2.0%		
Sales Price per Procedu	ire	\$	30.00	Sales Price per Procedure		\$	30.00		
COGS per Procedure		\$	4.00	COGS per Procedure	e	\$	4.00		
SGA as a % of Sales			25%	SGA as a % of Sales			25%		
Effective Tax Rate			23%	Effective Tax Rate			23%		
Discount Rate			15%	Discount Rate			15%		
Bronchitis Totals				Bronchitis Totals					
Market Share-Year 10			19.6%	Market Share-Year	Market Share-Year 10		37.9%		
Present Value without	Terminal Value	\$	90,007,256	Present Value without Terminal Value		\$	175,117,235		
Present Value with Terminal Value		\$	171,919,681	Present Value with	Present Value with Terminal Value \$ 339,				

