RHINOMED

2022 ANNUAL GENERAL MEETING

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All references to currency are to Australian currency, unless otherwise indicated

We are on a mission to radically improve the way we breathe, sleep, take medication and diagnose disease by utilising the nose as a site for the delivery of novel solutions

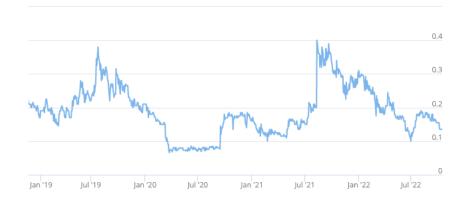
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RHINOMED CORPORATE SNAPSHOT

ASX: RNO; OTCQB: RHNMF

Board and Management	
Mr Ron Dewhurst	Chairman
Mr Michael Johnson	CEO and Managing Director
Assoc. Prof. John McBain AO	Non-Executive Director
Ms Lyn Swinburne AO	Non-Executive Director
Mr Brent Scrimshaw	Non-Executive Director
Mr Sean Slattery	CFO and Company Secretary

Key Metrics	
Market Cap	~AU\$31m
Current Stock price	~A\$0.11
Shares on issue	286 m
Top 20 Investors	76%
Debt	Nil



Top Investors	
Mr Whitney George (US)	39.2%
Prof John McBain (Aust)	18.5%
Mr Ron Dewhurst (Aust)	6.9%
Citicorp Nominees	2.5%
HSBC Custody Nominees	1.3%

CEO BUSINESS REVIEW MICHAEL JOHNSON



RHINOMED - COMPANY SNAPSHOT

COMMERCIALISING A PROPRIETARY NASAL MEDICAL TECHNOLOGY PLATFORM

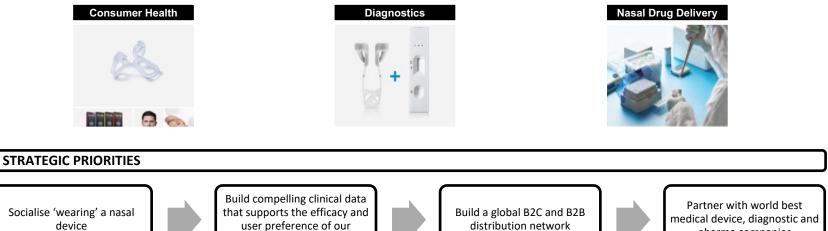


WHO WE ARE

technology

Rhinomed is a leading medical device company with offices in Melbourne, Australia and New York, USA.

KEY MARKETS



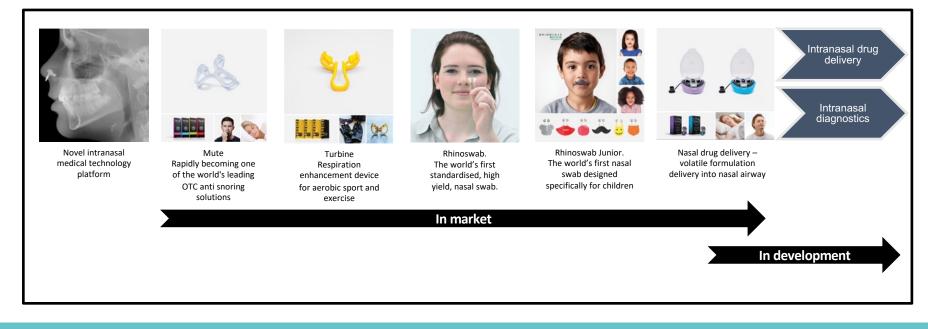
pharma companies

WEARABLE NASAL TECHNOLOGY

RHINOMED'S NASAL TECHNOLOGY PLATFORM

A PORTFOLIO OF THERAPIES AND SOLUTIONS FOR THE GLOBAL HEALTHCARE MARKET

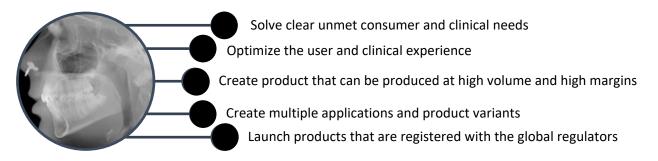
- In-house developed, proprietary nasal medical technology platform that is creating a portfolio of valuable patented healthcare products.
- Our innovation program continues to successfully bring novel products to market while building clinical stage assets with near term commercial and clinical milestones.



RHINOMED'S STRATEGY

BUILDING A HIGH-VOLUME, HIGH MARGIN GLOBAL MEDTECH BUSINESS

Leverage our novel medical technology platform to



Execute via a business model anchored to three key assets:

2

3

Unique technology platform - IP portfolio both protected and pending patents, trademarks and brands

Global distribution network that includes leading pharmacies, medical distributors and online stores

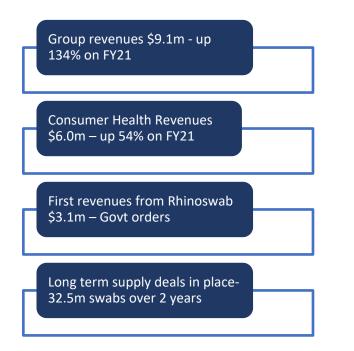
RHINO MED

Partnerships with leading medical technology companies

WEARABLE NASAL TECHNOLOGY

GROUP TRADING PERFORMANCE FY22

RAPID GROWTH ACROSS GLOBAL MARKETS

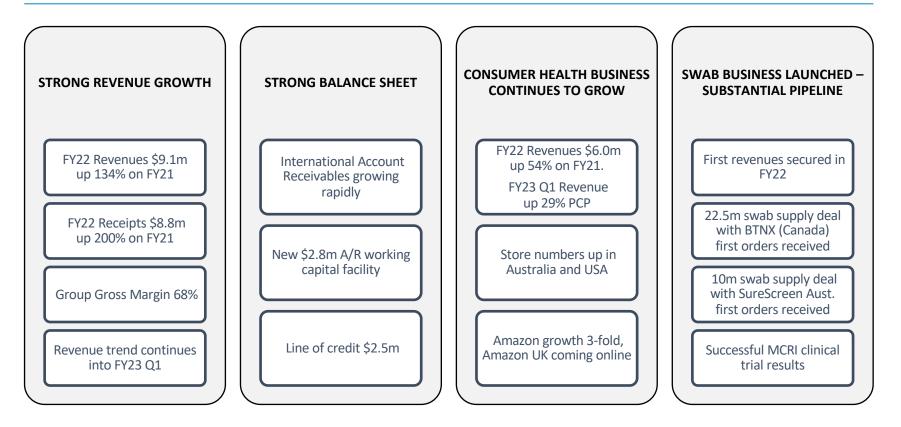




Revenues (A\$'000)

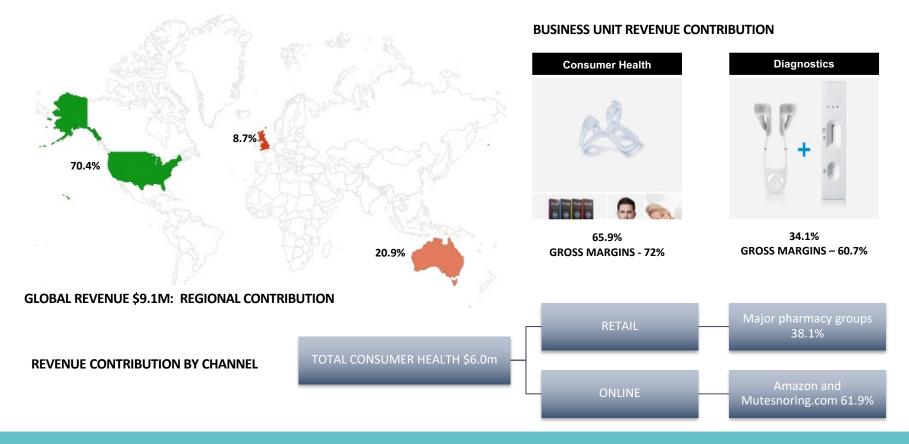
GROUP TRADING PERFORMANCE

ACCELERATION STRATEGICALLY, OPERATIONALLY AND FINANCIALLY



GROUP TRADING PERFORMANCE FY22

DELIVERED AGAINST PRIORITIES ACROSS THREE GEOGRAPHIES



WEARABLE NASAL TECHNOLOGY

KEY MARKETS



THE GLOBAL ANTI-SNORING TREATMENT MARKET

A US\$4.2 BILLION* OPPORTUNITY

- Rhinomed competes in the global sleep related disordered breathing market
- Our Mute technology focuses on the snoring segment of this market as a solution in the preclinical 'over-the-counter' solutions market.

[Over the counter anti-s	noring market			Obstructive Slee	p Apnea
Normal breathing	Occasional snoring Snoring is a major health i millions of people and the g serious diseas	ateway to more	Upper Airway Resistance Syndrome	Mild Sleep Apnea AHI 1-4	Moderate Sleep Apnea AHI 5-9	Severe Sleep Apnea AHI 10+
	Nasal Dilators Sprays Mouth tape	Nasal Strips Oral devices		n 2007 GSK acquired CNS f Breathe Right for US\$5		

* https://www.gminsights.com/industry-analysis/anti-snoring-treatment-market

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THE GLOBAL ANTI-SNORING TREATMENT MARKET

WE UNDERSTAND SNORERS

- Rhinomed completed a comprehensive research project looking at snorers across three continents
- 6,000 snorers in the US, the UK and Australia.



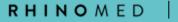


of all study respondents in Australia, the United Kingdom and the United States, admit to snoring^{xi}, with just the slightest variation between the three countries taking part. But the snoring doesn't stop there: 50% of survey respondents in all three countries also accuse their partner/spouse of snoring^{xii}.



xi https://mutesnoring.com/wp-content/uploads/2022/04/SleepSnoring_AnnualReport.pd xii https://mutesnoring.com/wp-content/uploads/2022/04/SleepSnoring_AnnualReport.pd

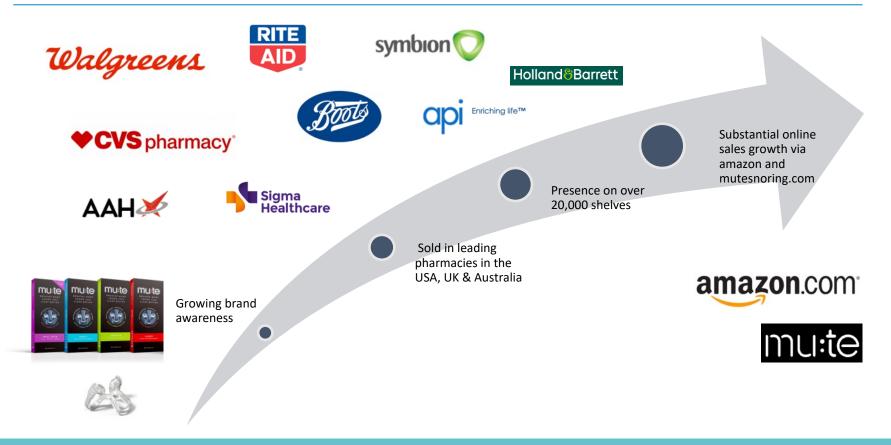
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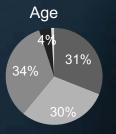
WEARABLE NASAL TECHNOLOGY

WE CONNECT TO CUSTOMERS THROUGH A GLOBAL DISTRIBUTION NETWORK

ONLINE AND THROUGH THE WORLD'S LEADING PHARMACY BRANDS



EXTENSIVE CUSTOMER RESEARCH DEMONSTRATING STRONG SATISFACTION OUR CUSTOMERS LOVE MUTE



Millennials 25-40
Gen X 41-56
Boomers 57-75

Gender





MUTE IS ONE OF THE FASTEST GROWING BRANDS IN THE MARKET

OUR GOAL IS TO BE THE WORLD'S LEADING ANTI-SNORING BRAND



RHINOMED | ¹⁶

KEY MARKETS -UPPER RESPIRATORY DIAGNOSTICS



THE GLOBAL UPPER RESPIRATORY INFECTION DIAGNOSTICS MARKET

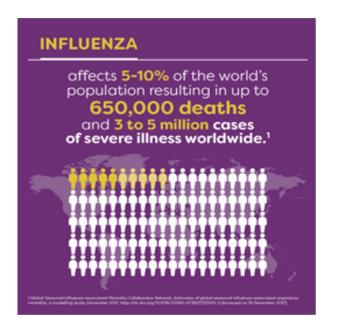
A CLEAR AND GROWING MARKET OPPORTUNITY OVER THE LONG TERM

- Incidence of Upper respiratory infection (URI) reached 17+ billion in 2019*.
- Testing to identify specific URIs is growing significantly to help identify appropriate treatments and prevent outbreaks
- Testing for URI's requires a sample. Nasal samples are the gold standard for diagnosis

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC
		F	RHINO	VIRUS							
COR	CORONAVIRUS					NTER	OVIRU	S			
	ADENOVIRUS										
	PIV-3							PIV2,3			
	RSV									R	SV
IN	INFLUENZA										
MPV											
	GROUP A STREPT										

Seasonal URI in USA

Seasonal variation of selected upper respiratory tract infection pathogens. PIV is parainfluenza virus, RSV is respiratory syncytial virus, MPV is metapneumovirus, and Group A Strept is group A streptococcal disease.¹



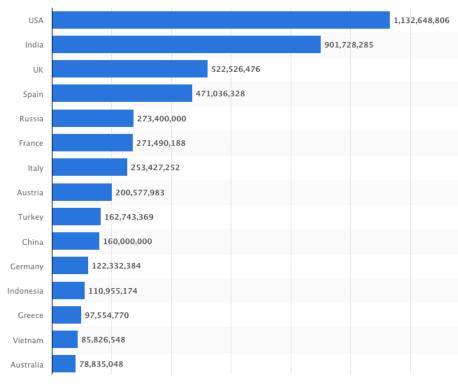
1. https://emedicine.medscape.com/article/302460-overview#a5 * Global burden of upper respiratory infections in 204 countries and territories, from 1990 to 2019 THE LANCET June 28, 202:

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TESTING FOR UPPER RESPIRATORY INFECTION HAS SURGED

COVID HAS HIGHLIGHTED A CLEAR AND MAJOR PROBLEM

Number of Covid-19 tests performed in the most impacted countries worldwide as at Nov 8, 2002



~https://www.statista.com/statistics/1028731/covid19-tests-select-countries-worldwide/



Painful and traumatic collection processes leading to testing reluctance



Labor intensive, slow and inefficient collection processes

INTRODUCING THE RHINOSWAB

A NEW 'GOLD STANDARD' RESPONSE TO SAMPLING FOR URI DIAGNOSIS

Not just an evolution in nasal swabs, but a revolution in nasal sample collection							
Patented design and process	A world first - standardised collection process	Enables self collection with no loss in sensitivity	Significantly increased sample yield	Next generation comfort and user experience	No skilled labor requirement	Improved efficiency and health economics	







OVERCOMING TESTING RELUCTANCE WITH THE RHINOSWAB JUNIOR

THE WORLD'S FIRST NASAL SWAB DESIGNED SPECIFICALLY FOR CHILDREN AGED 4+

Child-friendly COVID-19 test

Children globally could soon be faced with a less-invasive COVID-19 test thanks to our partnership with The Royal Children's Hospital (RCH).

The child-friendly Rhinoswab Junior^m resembles a cutly moustache and sits at the base of the nose to collect particles for testing it is being trialled at the RCH Respiratory Infection Clinic.

Rhinoswab Junior III was developed by Melbourne-based Rhinomed Ltd.

The test's development follows research that found 74 per cent of parents were concerned the COVID-19 test might be stressful, painful or uncomfortable for children.

Dr Shidan Tosif said the ability for children to insert the device themselves, its comfort and novelty all helped improve the experience.

He said this would be needed as children and adults required multiple CDVID-19 tests as new variants emerged.





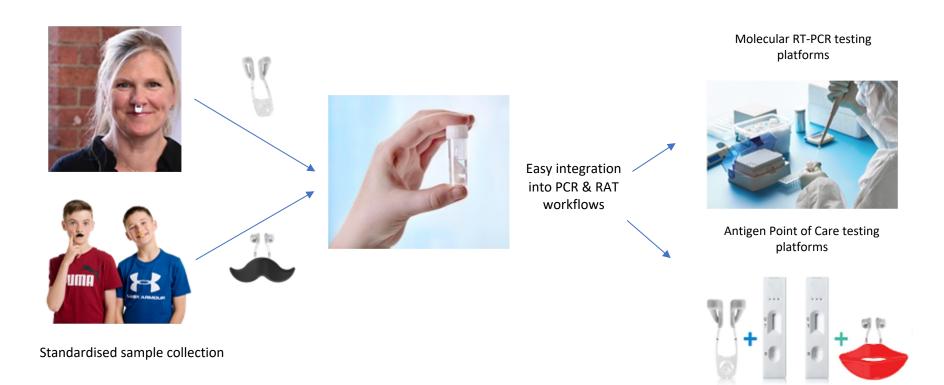
* https://www.medrxiv.org/content/10.1101/2022.09.21.22280208v1

RHINOMED ²¹

Source: https://www.mcri.edu.au/news-stories/our-2021-annual-report-celebrating-35-years-of-progress

BOTH RHINOSWABS WORK WITH LATERAL FLOW AND PCR PLATFORMS

DELIVERING A SUPERIOR AND STANDARDISED SPECIMEN COLLECTION PROCESS



WEARABLE NASAL TECHNOLOGY

RESULTS SUPPORT THE NEW 'GOLD STANDARD' SAMPLING FOR URI DIAGNOSIS

Initial validation work with the Doherty Institute (Melbourne, Australia), Canisius Wilhelmina Hospital and Radboud University Medical Center, (Nijmegen, Netherlands) and Gnomix (Adelaide, Australia).

Three key pivotal trials:

- 1. NSW Health Pathology Mass surveillance of SARS-CoV-2 utilising self-collection swabs (Rhinoswab) and high-throughput laboratory techniques: An Australian case study of asymptomatic Year 12 students at the Qudos Bank Arena
- 2. The MCRI and Royal Children's Hospital: Diagnosis of respiratory virus in Children with Rhinoswab Junior
- 3. The MCRI and Royal Children's Hospital : Less invasive SARS-CoV-2 testing for children A comparison of saliva and a novel Anterior Nasal Swab (Rhinoswab Junior)

Conclusion

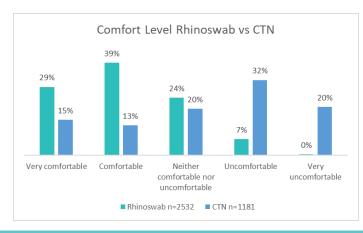
- Rhinoswab is an accurate and preferred method for sample collection within a mass collection setting.
- The Rhinoswab Junior is a superior method of sample collection of upper respiratory pathogens, including SARS-CoV-2 in terms of sensitivity and case detection when compared to Saliva samples and sampling using the standard of care combined nose and throat swab.
- The Rhinoswab Junior is highly acceptable and preferred by Children, parents and nurses when compared to alternative sampling modalities.

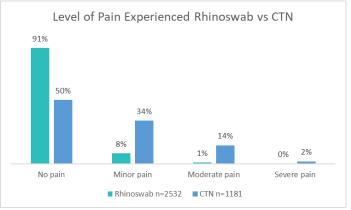
NSW HEALTH PATHOLOGY



MASS SURVEILLANCE OF SARS-CoV-2 WITH RHINOSWABS AND HIGH-THROUGHPUT LAB TECHNIQUES

- 15,000 Year 12 students tested and then surveyed
- Results:
 - Self-collection averaged less than 5 minutes per collection.
 - RT-PCR focusing on human genes revealed adequate human cell collection of 99.9% of collection.
 - Self-collection techniques are preferred, protect healthcare workers and improve result turnaround times.
 - 91% of users felt no pain with Rhinoswab while 50% of users experienced minor to severe pain with the standard swab.
 - 52% found the standard swab to be uncomfortable or very uncomfortable.
 - At least 75% of users found Rhinoswab to quick, convenient and easy to use





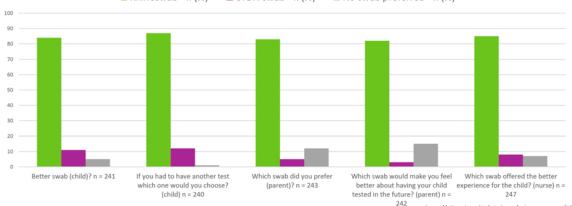
https://www.pathology.health.nsw.gov.au/research-and-innovation/research-forum/christopher-kot



DIAGNOSIS OF RESPIRATORY VIRUS IN CHILDREN WITH RHINOSWAB

- 254 symptomatic children, aged 4-18 years
- Each child was sampled with the standard of care combined nose and throat swab and the Rhinoswab Junior with the order randomised. Samples were assessed on RT-PCR using an Ausdiagnostics respiratory pathogens 16- well multiplex panel that could identify multiple pathogens including SARS-CoV-2 (2 assays), Influenza A and B, RSV, Rhinovirus/Enterovirus Parechovirus, Parainfluenza 1,2,3,4, Adenovirus groups B,C,E some A,D, Metapneumovirus, Bordetella spp and Mycoplasma Pneumoniae.

Conclusion: The Rhinoswab Junior has high acceptability and provides a more comfortable and effective method for respiratory virus testing in children



Rhinoswab - n (%) CTDN swab - n (%) No swab preferred - n (%)

L442 https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02469551-3A584290?access_token=83ff96335c2d45a094df02a206a39ff4



DIAGNOSIS OF RESPIRATORY VIRUS IN CHILDREN WITH RHINOSWAB

• Rhinoswab Junior has good sensitivity and is clinically comparable to the standard of care combined nose and throat swabs

Sensitivity	Detected n (%) on standard CTDN swab	Result on Rhinoswab in those detected on standard CTDN		Sensitivity (95% Cl)
Virus		Detected	Not Detected	
Rhino/Entero	85 (35.1%)	83	2	0.976 (0.918, 0.997)
Enterovirus	35 (14.5%)	32	3	0.914 (0.769, 0.982)
Paraflu 1-3	1 (0.4%)	0	1	0.000 (0.000, 0.975)
Adenovirus	2 (0.8%)	2	0	1.000 (0.158, 1.000)
hhMPV	24 (9.9%)	24	0	1.000 (0.858, 1.000)
SARS-CoV-2	10 (4.1%)	10	0	1.000 (0.692, 1.000)
All viruses combined	157 (5.0%)	151	6	0.962 (0.918, 0.983)

Table 1: Sensitivity of ANS compared with CTDN for detection of respiratory viruses

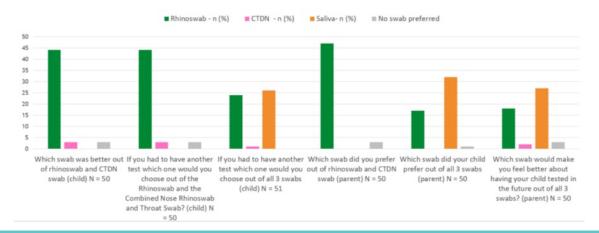
https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02469551-3A584290?access_token=83ff96335c2d45a094df02a206a39ff4

THE MCRI AND ROYAL CHILDREN'S HOSPITAL



A COMPARISON OF SALIVA AND A NOVEL ANTERIOR NASAL SWAB

- 53 symptomatic children, aged 5-18 years
- Each child was sampled via Self-collected CTN, ANS and saliva swabs were obtained concurrently. Swabs were collected by the patient or assisted by the parent, without clinician assistance. Swabs were collected at home, Emergency Department, or inpatient ward. Samples were extracted on Roche MagNA Pure 96 system using MagNA Pure 96 DNA and Viral NA Small Volume Kit. Samples were tested on the Allplex SARS-CoV-2 Assay (Seegene, Seoul, South Korea) which detects 4 target genes for SARS-CoV-2 (E, RdRP/S, N)
- The Rhinoswab junior is significantly more comfortable method for SARS-COV 2 detection when compared to the standard of care combined nose and throat swab



* https://www.medrxiv.org/content/10.1101/2022.09.21.22280208v



THE MCRI AND ROYAL CHILDREN'S HOSPITAL STUDIES



A COMPARISON OF SALIVA AND A NOVEL ANTERIOR NASAL SWAB

- The Rhinoswab Junior was highly sensitive for SARS-CoV-2 detection when compared to saliva testing.
- The Rhinoswab Junior outperformed saliva as a method for case detection

Sample	Detected n (%) on standard CTDN swab	Result on Rhinoswab/Saliva in those detected on standard CTDN		Sensitivity (95% CI)
		Detected	Not Detected	
Rhinoswab	43 (82.7%)	43	0	1.000 (0.918, 1.000)
Saliva	43 (82.7%)	38	5	0.884 (0.749, 0.961)



Less invasive SARS-CoV-2 testing for children: A comparison of saliva and a novel Anterior Nasal Swab

Shidan Tosif, Lai-yang Lee, Jill Nguyen, Chris Selman, Anneke C Grobler, Alissa McMinn, Andrew Steer, Andrew Daley, Nigel Crawford doi: https://doi.org/10.1101/2022.09.21.22280208

* https://www.medrxiv.org/content/10.1101/2022.09.21.22280208v1



RHINOSWAB JUNIOR IS REGISTERED AS A CLASS 1 DEVICE

IN ALL MAJOR MARKETS

- Both Rhinoswab and Rhinoswab Junior are registered with the TGA and appear on the ARTG
- Additionally, both Rhinoswab and Rhinoswab Junior are registered with:
 - The US FDA
 - Canada Health
 - The European Authority CE Mark
 - Registration in further markets is underway:
 - India
 - Malaysia
 - Singapore
 - Thailand
 - New Zealand







RHINOSWAB LAUNCHED IN THE US

SHOWCASED AT AACC 2022 IN CHICAGO



https://www.nbcchicago.com/top-videos-home/co/2898859/



WEARABLE NASAL TECHNOLOGY

SWAB SUPPLY DEAL WITH BTNX CANADA

22.5M SWABS OVER 24 MONTHS



- ✓ BTNX Inc. is a Canadian biotechnology company and leader in rapid, point-of-care diagnostics with a global presence.
- ✓ Largest supplier of RAT kits to the Canadian government where it has supplied over 390 million kits to date
- ✓ BTNX will supply the new RAT kit including Rhinoswab Junior to the Canadian market
- ✓ Minimum of 22.5m swabs over 24 months
- ✓ First orders received (1.5 million swabs)
- ✓ Now investigating applications in RSV, Flu etc

SWAB SUPPLY DEAL WITH SURESCREEN DIAGNOSTICS (AUSTRALIA)

10M SWABS OVER 24 MONTHS



- ✓ SureScreen Australia is the Asia Pac affiliate of SureScreen Diagnostics UK.
- ✓ SureScreen Diagnostics UK is one of Europe's leading developer and manufacturers of rapid, point-of-care diagnostics
- ✓ SureScreen Australia will supply the new RAT kit including Rhinoswab Junior to the Australian/NZ, Singapore and South Pacific markets
- ✓ Minimum of 10m swabs over 24 months
- ✓ First orders received (495k swabs)
- ✓ Investigating new Adult kit with Rhinoswab targeting the aged care market

OVER THE COURSE OF THE PANDEMIC 5.4 + BILLION TESTS HAVE BEEN CARRIED OUT

RHINOMED HAS IDENTIFIED A US\$94M+ PIPELINE OF OPPORTUNITY

Number of Covid-19 tests performed in the most impacted countries worldwide as at Nov 8, 2002

USA				1,132,648,806
India			901,728,285	
UK		522,526,476		
Spain		471,036,328		
Russia	273,400,000			
France	271,490,188			
Italy	253,427,252			
Austria	200,577,983			
Turkey	162,743,369			
China	160,000,000			
Germany	122,332,384			
Indonesia	110,955,174			
Greece	97,554,770			
Vietnam	85,826,548			
Australia	78,835,048			

Actively pursuing two key channels to market



RT- PCR LAB • Large pathology companies • Direct Hospital and clinical settings

Rapid antigen testing companies





https://www.statista.com/statistics/1028731/covid19-tests-select-countries-worldwide/



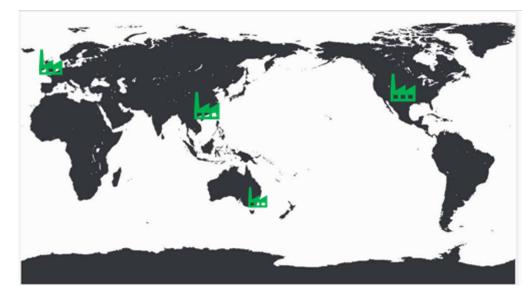


SCALING PRODUCTION AND MANUFACTURING

BUILDING A NEAR TO MARKET PRODUCTION CAPABILITY

FLEXIBLE AND SCALABLE PRODUCTION CAPACITY

- In response to increasing demand Rhinomed is building a global production network
 - Multiple production sites
 - Close to high volume markets
 - 33+ million swab p.a. production capacity in place
 - Existing Chinese production partner now online
 - Established small Australian based manufacturing
 - Scoping two additional production sites in UK & USA
 - Production capability designed to cater for increased demand for consumer health products (Mute, Turbine) lowering cost of goods & improving margins across the business



RHINOMED OUTLOOK - FY23

FOCUS ON STRONG REVENUE GROWTH AND MOVE TO BREAKEVEN



CONSUMER HEALTH

- \checkmark Continued growth online through direct-to-consumer sites
- ✓ Expansion in Amazon US entering Amazon UK and Amazon Germany
- ✓ Further store growth in global pharmacy/drug store channel
- ✓ Expansion into US grocery channel



RHINOSWAB JUNIOR

- ✓ Establishing Rhinoswab Junior as new gold standard for pediatric upper respiratory sample collection
- ✓ Continued delivering on 24 month of the 32.5 million supply deals (Australia and Canada)
- ✓ Secure further supply deals in USA, Europe, Asia and MENA



RHINOSWAB ADULT

- ✓ Inclusion in combined Covid+ Flu, RSV and other upper respiratory disease lateral flow tests
- ✓ Inclusion of Rhinoswabs into RAT kits targeting aged care and disability markets
- ✓ Expansion into adult testing segment in global markets

CONTACT

Michael Johnson - CEO

mjohnson@rhinomed.global