

### **ASX RELEASE**

### **Volpara Bell Potter Healthcare Conference Presentation**

Wellington, NZ, 8 November 2021: Volpara Health Technologies ("Volpara," "the Group," or "the Company"; ASX:VHT), a global health technology software leader providing an integrated platform for the delivery of personalised breast care, is pleased to provide an updated investor presentation.

The attached investor presentation is for the Bell Potter Healthcare Conference 2021 taking place on Tuesday, November 9<sup>th</sup>. Volpara's CEO, Dr Ralph Highnam will be presenting online at 09.30am AEST.

The presentation attached includes the following specific updates:

- FDA reportedly still working on wording for US density mandate according to reporting Oct 26<sup>th</sup> from here.
- BreastScreen Queensland due to go live with Analytics and BreastScreen South Australia announcing research project around reporting Density in CY2022 <a href="here">here</a>.

### **Authorisation & Additional Information**

This announcement was authorised by the CEO of Volpara Health Technologies Limited.

### **ENDS**

### For further information, please contact:

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### About Volpara Health Technologies Limited (ASX: VHT)

VHT is a health technology software company founded in 2009 on research originally conducted at Oxford University. VHT's clinical functions for screening clinics provide feedback on breast density, compression, dose, and quality, while its enterprise-wide practice-management software helps with productivity, compliance, reimbursement, and patient tracking.

VHT's technology and services have been used by customers and/or research projects in 39 countries and are supported by numerous patents, trademarks, and regulatory clearances, including FDA clearance and CE marking. Since its listing on the ASX in April 2016, VHT has raised A\$132 million, including A\$37 million in April/May 2020 and has made two significant acquisitions in MRS Systems, Inc. (patient tracking software), and CRA Health LLC (risk and genetics software). VHT is based in Wellington, New Zealand.



Bell Potter Healthcare Conference, November 2021

## Investor Presentation



Ralph Highnam, PhD (Oxford)
Group CEO & Founder

Ralph.Highnam@VolparaHealth.com

**ASX:VHT** 

# 1 in 8 US women will develop breast cancer\*

## **Saving Families from Breast Cancer**

Detection to Prevention Using Al

### **Important Notice & Disclaimer**

This presentation, dated 9th November 2021, has been prepared solely for the purpose of providing potential investors with information about Volpara Health Technologies Limited ("Volpara," "VHT," or the "Company"). The information contained in this presentation is of a general background nature, is in summary form, and does not purport to contain all the information that a potential investor may need or desire. Potential investors should conduct their own investigation and analysis of Volpara and of the information contained in this presentation and should rely solely on their own judgement, review, and analysis in deciding whether to invest in Volpara. The information in this presentation has been prepared in conjunction with an oral presentation and should not be taken out of context. The content of this presentation is provided as at the date of this presentation (unless otherwise stated) and the information in this presentation is subject to change without notice.

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### **Preparation of information**

All financial information has been prepared and reviewed in accordance with Generally Accepted Accounting Practice in New Zealand, New Zealand Equivalents to International Financial Reporting Standards, Certain financial data included in this presentation is "non-IFRS financial information". The Company believes that this non-IFRS financial information provides useful insight in measuring the financial performance and condition of Volpara. Readers are cautioned not to place undue reliance on any non-IFRS financial information, including ratios, included in this presentation.

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This presentation should be read in conjunction with Volpara's other periodic and continuous disclosure announcements lodged with ASX.



### Volpara Health Technologies Ltd

Volpara (ASX:VHT) is a health technology software company with an integrated breast health platform designed to deliver **personalized care** for the ~92M women screened for breast cancer globally each year.

Our platform is one of the most clinically validated in the industry and features individual patient management through to enterprise-wide analytics, all licensed on a subscription (SaaS) basis.

Sales are both direct and through electronic health record (EHR) companies, GE Healthcare, Fuji Medical, and others, and we estimate this to be a US\$750M ARR market.

Based in Wellington, New Zealand, we have about 200 staff spread across the globe, with the United States our biggest market.

With the data we're collecting, we aim to change the paradigm of screening from detection to prevention in order to dramatically reduce the global death toll of ~700,00 women each year:

Predict | Monitor | Detect & Empower™

### **Key commercial achievements**

~13.4M+

**US screenings** are contracted to use at least one Volpara product, that's ~34%

US\$20.4M+

**Annual Recurring Revenue** (1 Oct 2021) from 700+ customers

90%+

**Gross Margin**Up from 86% in FY2020



## Volpara's unique technology

Volpara is unique in measuring and reporting on four key metrics at the point of screening, based on AI technology originally from Oxford

### TruRadDose<sup>™</sup> – radiation dose

Needs be high enough for goodquality images, but low enough to not induce a cancer.

### TruPressure<sup>™</sup> – breast compression

Too much pressure, exam is painful but produces good images and low dose. Too little, tissue is not spread enough, resulting in high dose, but no pain.

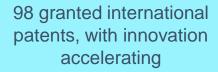


### TruDensity<sup>™</sup> – breast density

The breast consists of fat and fibroglandular (or "dense") tissue. The higher your breast density, the higher your risk of developing cancer and the risk of it being missed at screening.

### TruPGMI<sup>™</sup> – breast positioning

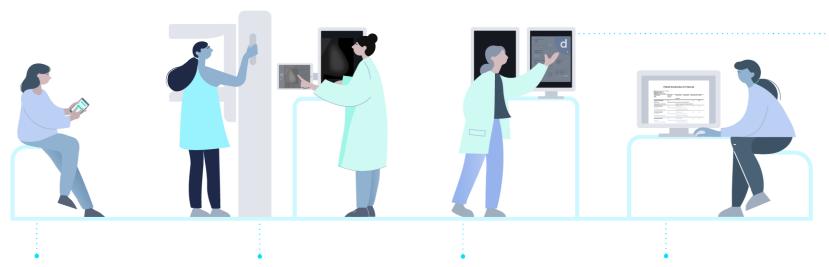
All the tissue needs to be imaged, otherwise a cancer might be missed.



Over 400 supporting publications



## Volpara Breast Health Platform - delivering personalised care



### Patient Questionnaire

Easy to use for patients, and no data entry for clinic staff

### Live

Get fast imaging feedback for relevant on-the-job training

### Scorecard (Density)

View patient risk insights essential for early detection

### Patient Hub

Speed your workflow with customizable communications

### **Patient Hub**

Customizable patient reporting and tracking



### **Analytics**

Monitor your team's performance with automated image quality metrics



#### Risk Score

Patient's likelihood of developing breast cancer (Tyrer-Cuzick 8 Lifetime Risk Model)

#### **Density Score**

Objective, automated breast density score to personalize breast care

#### **Suspicious Findings**

Detect cancers earlier with computer-aided detection scores from Transpara by ScreenpointMedical or iCAD Profound AI

### Potential triage paths



Ultrasound Intermediate risk High density



Genetic testing
High risk
Meet guidlines



**MRI** High risk



## Strategic US acquisitions for products, data & expertise



Feb 2021

voyager. Media Awar

Website of the Year

BUSINESS

4 Jun. 2019 10:03 AM

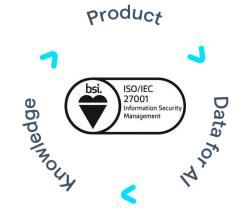
## Kiwi med-tech Volpara buying US rival for \$22m

3 minutes to read

**BUSINESS** 

## NZ's Volpara buys Boston-based CRA Health for \$25m

2 Feb. 2021 05:24 PM © 2 minutes to read



To change the paradigm from detection to prevention we need to **Predict | Monitor | Detect & Empower**, and the key to that is data and Al.

We have nearly 50M mammograms in the cloud



## US: ~39M women a year, ~13.4M analysed by Volpara (~34%)













- ~8,700 sites all regulated by the FDA, which is stressing quality and likely to mandate breast density reporting, which is already required in multiple states
- Volpara sells direct with experienced SaaS salespeople and by working with EHR companies, GE Healthcare, Fuji Medical & others

FDA NEWS RELEASE

## FDA advances landmark policy changes to modernize mammography services and improve their quality

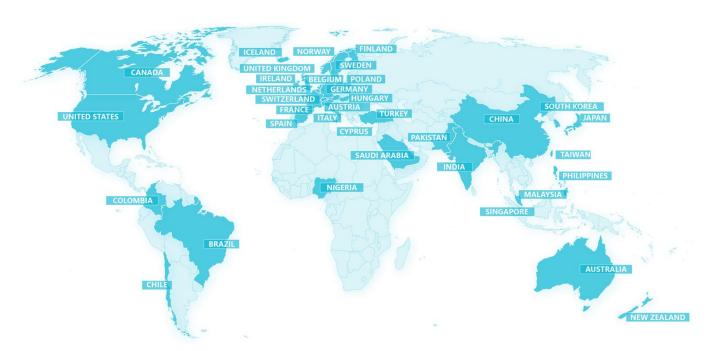
Proposed rule would require breast density reporting, enhance the FDA's ability to enforce mammography facilities' compliance with standards

Pending, FDA reportedly continuing to work on this <u>26<sup>th</sup> Oct 2021</u>\*

\*Dense breasts can increase cancer risk, hide tumors. Why aren't some women being told? | KOKH (okcfox.com)



## Volpara software used in 39 countries

















- At any given time, Volpara is involved in many independently run research studies globally. Major trials underway with public screening include:
- Dutch DENSE trial, started 2009, showing major drop in interval cancers using density to select women for additional screening
- UK PROCAS II project, started 2018, analysing data and results from scoring density and risk, and informing patients
- UK BRAID project, started recently, looking at optimised screening regimes
- Key luminaries signed up across Asia and Europe
- Strong private uptake in Australia and NZ, public programs in Queensland due to go live with Analytics and South Australia conducting research with Scorecard (Density) in CY2022



Nearly 700,000 people die from breast cancer each year



2.1cm Clinical Exam & Self-Exam

1.5cm First Mammogram

1.1cm Annual Mammogram

Breast cancer screening presents a ~US\$750M+ Annual Recurring Revenue (ARR) opportunity for Volpara:

**92M** 

Women are screened globally each year – 39M in the USA

<u>US\$10</u>

Volpara's integrated platform will sell for up to US\$10 per screen (target ARPU)



### Subscription (SaaS) business model

- About 50% of our installed base was originally signed to Capital contracts with very low-paying recurring maintenance agreements
- We went fully subscription based at end of 2019, with the average contract size ~US\$25,000 p.a., some contracts up to US\$400,000 p.a.
- Target ARPU for entire product suite is US\$10
- Most contracts are for 5-year terms, paid annually up front
- Subscription churn remains low

### **Revenue Per User (ARPU)**

ARPU, for Volpara, is the average recurring revenue per woman across the entire installed base—a measure of revenue penetration of that base. We have a huge opportunity ahead—only 14% penetrated given the US\$10 target:

**US\$1.46** 



### Multi-product installations are the key to \$10 ARPU:

	Volume	Products in use	ARR	ARPU
Customer 1	70,000	Analytics, CRA Risk	US\$295,000	US\$4.21
Customer 2	15,000	Analytics, Live, Lung, MRS7	US\$67,800	US\$4.52
Customer 3	10,800	Analytics, Patient Hub, Risk, Genetics	US\$84,613	US\$7.83
Customer 4	7,500	Analytics, Patient Hub, Risk	US\$42,375	US\$5.65
Customer 5	47,000	Analytics, CRA Risk	US\$213,500	US\$4.52
Customer 6	10,000	Analytics, Patient Hub, Risk	US\$44,600	US\$4.46
Customer 7	16,000	Analytics, Patient Hub, Risk	US\$69,000	US\$4.31
Customer 8	31,700	Analytics, Scorecard, Patient Hub, Risk	US\$202,000	US\$6.37
Customer 9	3,700	Analytics, Scorecard, Patient Hub, Risk	US\$44,500	US\$12.03



## Q2 (end September) - our biggest-ever quarter for new sales

Added net new ARR in Q2 of over **US\$1.2M**, ARR is now over

US\$20.4M

Market share increased from 33% in Q1 to

**Over 34%** 

At the end of Q2

Overall ARPU increased from **US\$1.42** to

**US\$1.46** 

Or 3% compared to last quarter.

### Highlights:

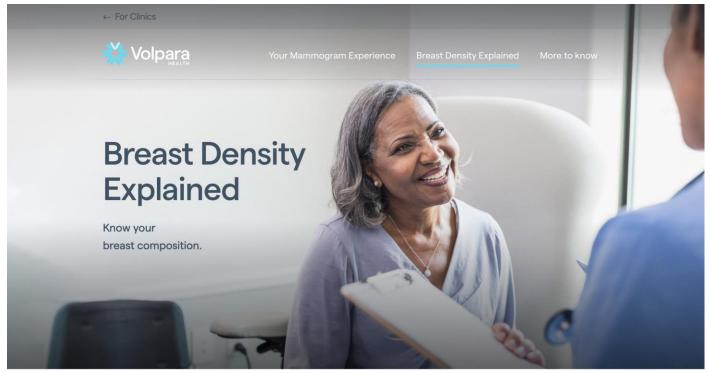
- Major new deals, including largest to date, US\$430,000 ARR
- Major expansion sales
- Average ARPU for new deals of US\$2.04
- Frozen COVID deal came through, US\$200,000 ARR



EMPOWERING WOMEN WITH KNOWLEDGE BASED IN SCIENCE

## Breast density awareness campaign 29 September 2021

www.volparahealth.com/for-patients/your-mammogram-experience/









Next step is "Project Thumb," where we add the patients images to their letters to better inform about breast density, end October 2021

Sheila R. Veloz Breast Center
A service of Henry Mayo Newhall Hospital

January 6 202

INA HANTLER 123 K ST BELLEVIEW, WA 98007

1 Hone. (012) 040-

23929 McBean Parkway, Suite #101

Dear Ms. Hantler,
We are pleased to inform you that the results of your screening mammogram performed on Wednesday, January 6, 2020 are normal

If your mammogram demonstrates that you have dense breast tissue, which could hide small abnormalities, you might benefit from supplementary scenering tests, which can include a breast till assummation, or both, depending on your includual rate factors. A report of your mammography result, which includual rate factors. A report of your mammography result, which physiciants office and you should contact your physician if you have any questions or concerns about this report.

We would like you to have a bilateral screening mammogram in 1

Early detection of cancer is very important. Treatment can be started earlier, and has greater rates of success. The best method management of the properties of the propertie

A risk assessment evaluation was performed using the personal and family history you provided and indicates you may be at higher risk for breast cancer than the general population. Please consult your primary care doctor for follow-up.

The results of this procedure have been sent to you. Those results and the images will become part of your medical record here at Sheila R/ Veloz Breast Center. It is your responsibility to inform any new health care provider of the date and location of this examination.

Please contact your health care provider if you notice any changes t your breasts or have any further questions.

Please contact your health care provider if you notice any changes t your breasts or have any further questions.

Sincerely,

Your mammagraphy image



Your breast tissue compositio Your breast composition is c (8% volumetric breast density). This means that you have high



For more information about breast density and what to ask your doctor,



www.volparadensity.com/o

Images brought to you by Volpera Healt For informational purposes on



### Partnering in Breast

~10% of all breast cancers are genetically based.

We're intent on enabling genetics counselling and testing in referring doctors and radiology settings. The key is smooth IT workflow between EHR/Patient Hub/CRA Risk and the genetics companies.

When implemented, these deals will bring Volpara additional ARPU & ARR



[Nasdaq: MYGN, ~\$2.5Bn]



[Part of Konica Minolta]

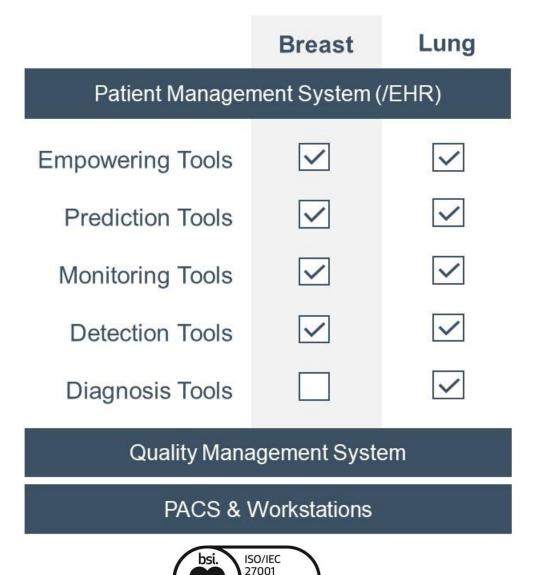


[Nasdaq: NVTA, ~\$6Bn]





## Volpara is positioning for Lung cancer screening



Information Security

- Lung and breast cancer both kill tens of thousands of Americans each year
- Lung cancer screening using CT is proven, but is expensive to run; software can optimize and help reduce false negatives and false positives
- Volpara entered the lung cancer screening world in 2019
   when we bought MRS Systems, Inc., with 8% of the market
- Software technology stacks are similar, except diagnostic tools are more compelling in lung due to the complexity of doing lung biopsies as compared to breast
- Commercial opportunity in lung at least equal to breast as screening ramps up—we estimate over \$400M ARR in the US alone
- By partnering with AI leaders—such as Riverain, MeVis, and RevealDX—we can build a lung platform like we deliver in breast and enter the screening market as programs are set up globally

## FY2022, accelerating out of COVID

### **Digital-first strategy**

Drive adoption of risk & genetics – significant tailwinds present in the USA

### **Customer success:**

- Maintain low churn
- Upsell to continue to increase revenue penetration

### New growth opportunities with ideal customers:

 Larger networks of hospitals offering wide range of services Volpara expects **strong growth again** in FY2022

Our guidance is to exceed NZ\$25M revenue, growth of **over 25**%

### **Recent Events:**

- ✓ New US Director
- ✓ New partnering agreements, especially around lung cancer screening
- ✓ Analytics 3.0 release 1 October
- ✓ Breast Cancer Awareness Month:
  - "Project Thumb," putting images into patient letters to better convey information
  - ✓ Density awareness campaign in A&NZ

### **Events Expected:**

- Analytics in Action launch, new service
- FDA announcement on breast density

### **Events Coming Up:**

- 9 Nov Bell Potter Healthcare Conference
- 24 Nov Morgans Technology Conference
- End Nov Half Year Results
- Early Dec RSNA 2021 in Chicago



## Appendix



## FY2021 audited results - strong organic & inorganic growth

**TOTAL REVENUE** 

**NZ\$19.7M** 

+57% on prior corresponding period

NET OPERATING CASH OUTFLOW

NZ\$14.0M

**16%** improvement compared to NZ\$16.6M for the prior corresponding period

SUBCRIPTION REVENUE

NZ\$18.1M

+99% on prior corresponding period

**NET LOSS AFTER TAX** 

NZ\$17.5M

**14%** improvement on prior corresponding period

NORMALISED NON-GAAP LOSS<sup>1</sup>

NZ\$12.4M

21% improvement on prior corresponding period

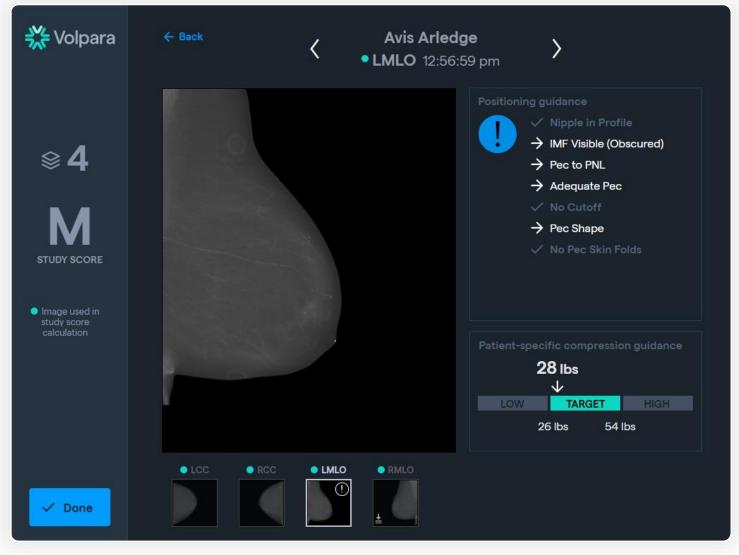
CASH AND CASH EQUIVALENTS

NZ\$32.2M

at end FY21, up from NZ\$31.4M at end FY20, after the capital raise and acquisition of CRA during year

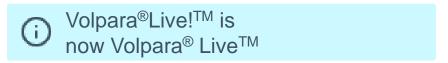


### Volpara Live



Volpara Live makes patients happier and clinics more profitable:

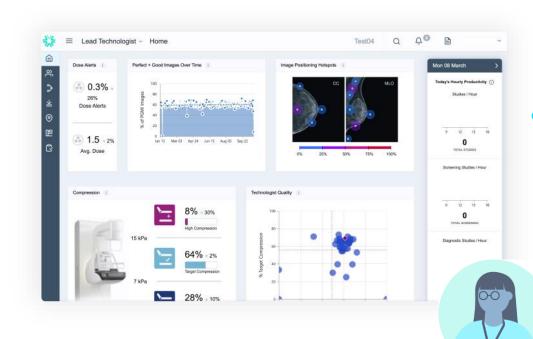
- By ensuring that high-quality images are taken the first time, fewer women are recalled for a repeat image
- When patients are recalled for repeat images, the clinic is not reimbursed





## Volpara Analytics

Volpara proprietary software aggregates data





Volpara cloud on Microsoft® Azure powered by Volpara Al

Each role uses Volpara dashboards to improve staff management, equipment utilisation, and compliance, and to drive profitability

Lead Technologist accessing Volpara Analytics

Secure access to Volpara Al Analytics in the cloud via browser





Breast Imaging
Manager accessing
Volpara Analytics

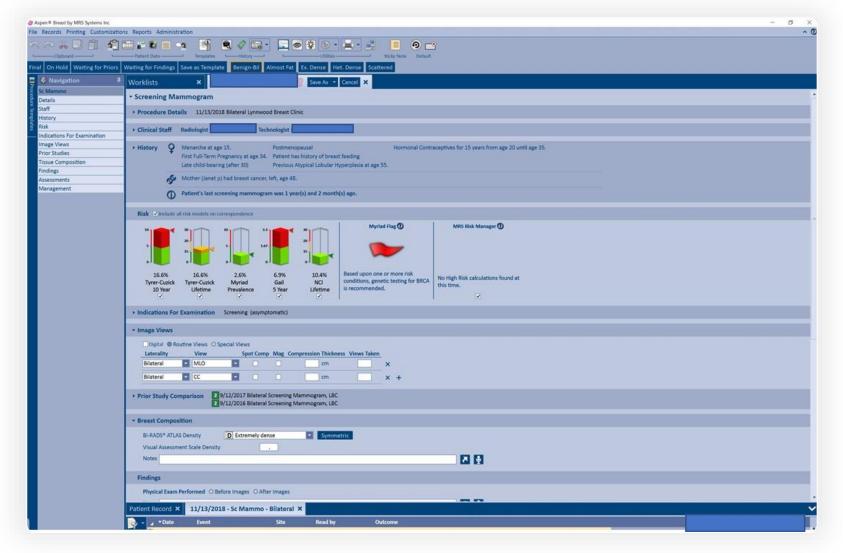








## Volpara Patient Hub: patient management software



- Tracking and reporting breast procedures
- Enables structured reporting and easy compliance with regulations
- Fully integrated into clinical IT networks

Volpara acquired
Aspen® Breast from MRS
Systems, Inc., in June 2019.
Aspen Breast is now
Volpara® Patient Hub<sup>TM</sup>.



## Project Thumb: images onto Patient Hub letters

**Radiology Group** 

10 May 2021

PATIENT ABC 123 K ST ANYTOWN, USA

Dear Ms. ABC.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris molestie mi id aliquet blandit. Donec eleifend sapien nibh, sit amet facilisis lorem placerat sit amet. Proin posuere luctus mauris quis aliquet. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc a sollicitudin lacus. Aenean vitae mi liqula. Nullam sit amet odio orci.

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Nam ultricies pulvinar metus vitae commodo. Aliquam vestibulum aliquam erat pharetra consectetur. Fusce eget est posuere, lobortis nibh sit amet, blandit leo. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

Mauris gravida accumsan orci sit amet egestas. Mauris a enim mauris. Fusce non mi ultrices, conque nibh eu, pulvinar elit.

Sincerely,

Radiology Group

11551 SE 8th St Anytown, USA Phone 123-456-7890

Patient ID: ABC0001

Your breast composition information

TOP-DOWN
Cranial-caudal (CC) view





Right Breast

Left Breast

SIDE-TO-SIDE Mediolateral-oblique (MLO) view





Right Breast

Left Breast

To further understand your breast composition, we've included thumbnail images from your recent screening mammogram.

Your breast composition is c.

For more information on breast health, please visit www.website.com.

"We send patient letters full of text that can be difficult to understand. Partnering with Volpara will enable us to provide images that speak far more than text can ever do. This communication tool is going to dramatically improve our patients' understanding of breast composition."

—Mara Shay,RN Manager of Women's Imaging Services,Sheila R. Veloz Breast Center

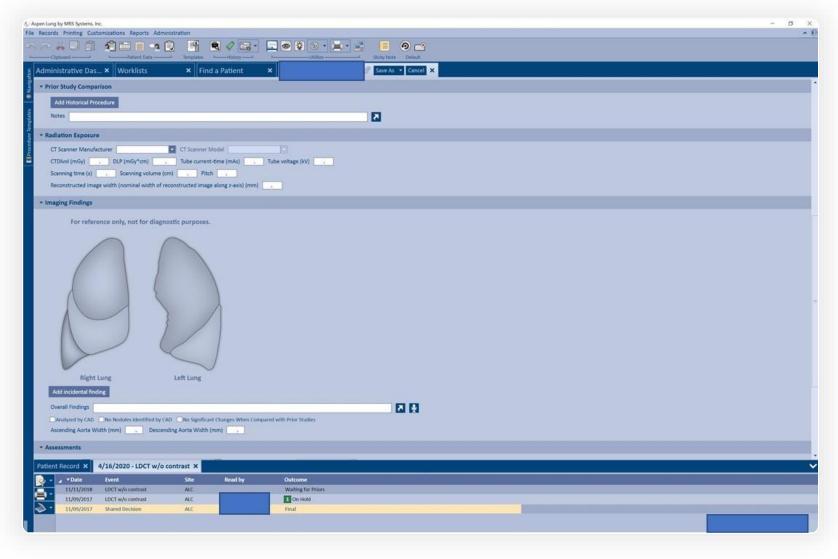
#### FDA NEWS RELEASE

FDA advances landmark policy changes to modernize mammography services and improve their quality

Proposed rule would require breast density reporting, enhance the FDA's ability to enforce mammography facilities' compliance with standards



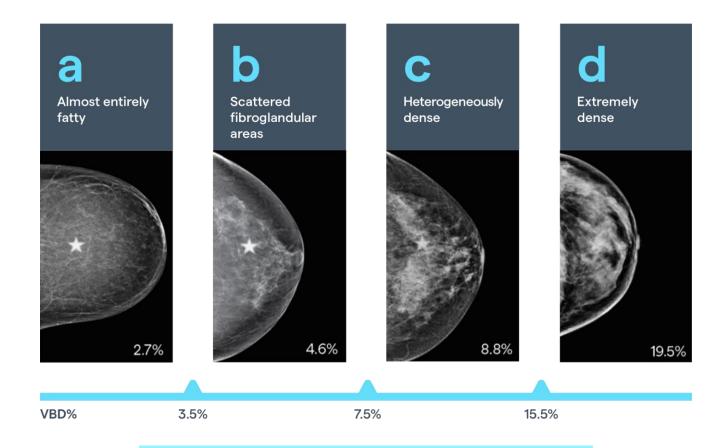
## Volpara Lung: patient management software



- Tracking and reporting lung procedures
- Enables structured reporting and easy compliance with regulations
- Fully integrated into clinical IT networks
- 2M lung cancer deaths/year, 144K in USA
  - Screening significantly reduces mortality
- i Volpara acquired Aspen® Lung from MRS Systems, Inc., June 2019. Aspen Lung is now Volpara® Lung<sup>TM</sup>.



## TruDensity provides precision scoring for personalised care



The white star mimics a cancer—easy to see in

a fatty breast, much harder on a dense breast.



Volpara goes beyond the coarse categories (a/b/c/d) to deliver precision breast density scoring, the key to superior risk stratification.

