Building a More Impactful Patient Journey Using Massive Data

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Welcome



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Jamison Barnett CTO Verilogue Demonstrate how to:

- 1. Develop an "in and out" of office patient journey utilizing EHR, PHR, online behavioral, and ethnography data
- 2. Utilize population health analytics to identify brand opportunities
- 3. Combine primary data elements to assess individual choices made along the patient journey

Healthcare Experience: The Evolution



Brand Success: Cross Channel Delivery



Brand Experience: Optimizing Every Touch Point



OPTIMIZIED HEALTHCARE EXPERIENCE



The Foundation: The Patient Journey



Building a More Impactful Patient Journey



Building a More Impactful Patient Journey Using Massive Data

Real World Evidence: Healthcare Platforms



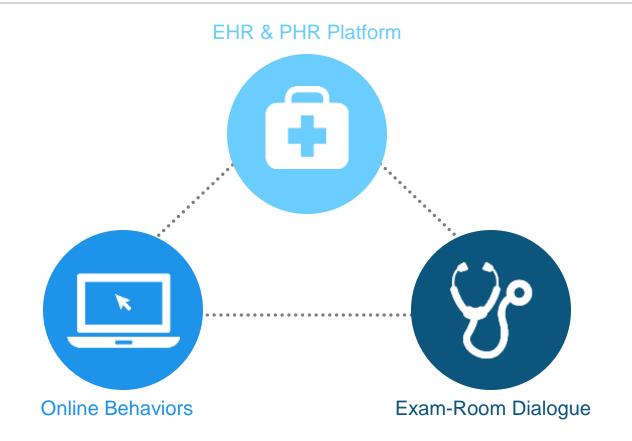




Real World Evidence: Digital Ethnography



Case Study: Building a More Impactful Patient Journey using Massive Data



Patient Journey: The Foundation of the Healthcare Experience



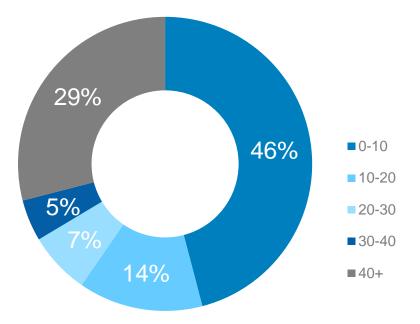
TYPE 2 DIABETES Diagnosis Experience





Real World Evidence: Time to Diagnosis

Days from HbA1c to Diagnosis



43.9

Average Days between Last Visit & Diagnosis

The Human Experience: In-Office Dialogue





Examining the in-office dialogues of Newly diagnosed Diabetes Patients highlights how:

- Physicians distance themselves from diagnosis using agency "It did show" versus "it showed me"
- Physicians often soften bad news by emphasizing the positives
- The barrage of "medical-ease" is overwhelming with patients often disengaging



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Savanna @bobbysonlygirl - Jul 3

So the doctor told me I might have diabetes so I have another doctor appointment to do tests to see if I actually have diabetes or not.





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Nadine J Stewart @GermanGirlinLDN · May 30 Waiting for my blood test results. Let's see what the doctor says... #health #diabetes #insulinresistant



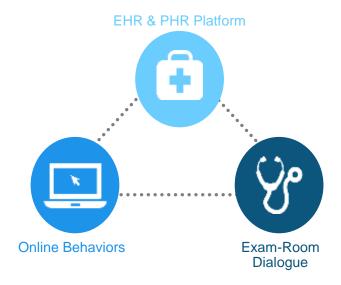
Newly Diagnosed: What Real-World Evidence Tells Us

Key Insights from Real-World Evidence:

- Diagnosis often lacks a "defined moment"
- Long term implications not apparent

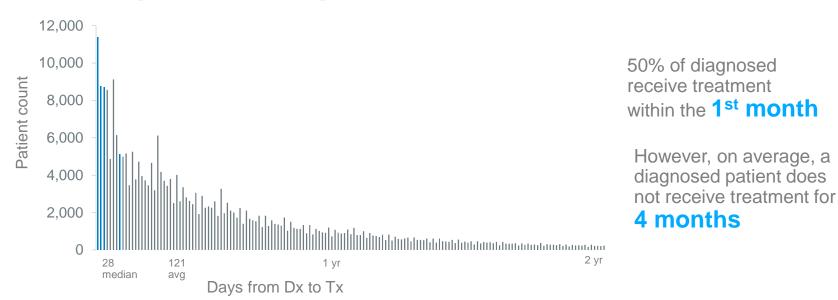
Moments of Opportunity for Brand:

- Shorten and Strengthen Diagnosis Experience
- Describe disease progression



TYPE 2 DIABETES Treatment Initiation Experience

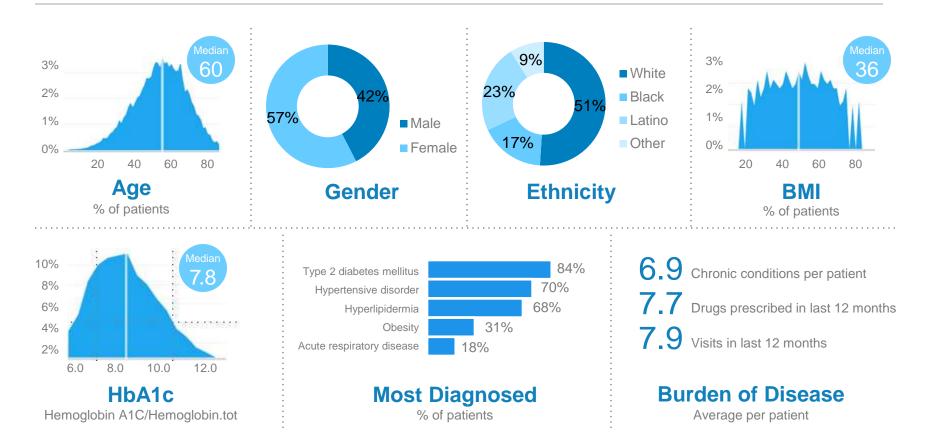
Real World Evidence: Diagnosis to First Treatment



Avg Time from Diagnosis to Treatment

Note: Data Patients with Dx prior to Tx = 465.1K

Real World Evidence: Drug A Treatment Patient Profile



The Human Experience: In-Office Dialogue



The Human Experience: In-Office Dialogue

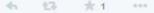
In-office dialogues from Patients receiving their First Treatment tell us:

- Physicians leave very little room for patient input in the decision to start treatment or in treatment selection
- Physicians often set expectations that more treatments will follow in the future
- Physicians have trouble positioning insulin

Online Experience: Starting Treatment



Charly @charassic - 28 May 2014 Start my diabetes meds tomorrow. Really hope they make me feel better, as I've felt like a zombie for weeks.





Cody @BeadFaceGamer - 28 May 2014 @Charassic what mess u on? I was started on Metformin. Took my body about 3 weeks to adjust.

* 13 * **



Charly @charassic - 28 May 2014

@SocialNerdgasm I'm on **Metformin** too. Hoping I don't get hit too hard by the side effects- I'm **starting** on a low dose and working my way up.



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Hide conversation

Reply to @charassic



Brian Taylor @MrBritorious - 28 May 2014

@Charassic @SocialNerdgasm Yay we can all be Metformin family. :D Damn Diabetes.

* 13 ± ····



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612

Donna Adams @DonnaAdams3 - 13 Dec 2012 I'm confused...metformin: My doc says i don't need to take this with food. Pharmacy sticker says I do. I'm supposed to take it morn...

....



Donna Adams @DonnaAdams3 - 28 Nov 2012 can somebody PULEEEASE help me with this Metformin junk?: I'm really confused right now about the doses and what the xl, er lx etc.....

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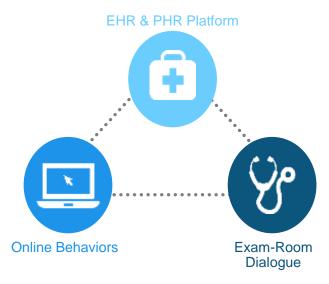
Treatment Initiation: What Real-World Evidence Tells Us

Key Insights from Real-World Evidence:

- Confusion surrounding initial medication -> administration, benefits, consequences
- Future sequencing of treatments poorly positioned

Moments of Opportunity for Brand:

- Define treatment path to [Your Brand]
- Associate key benefits with treatment experience



Conclusion

Summary: Patient Journey from Massive Data

When Building Your next Patient Journey Consider:

Healthcare Experience

Understand and transform the **<u>full</u>** healthcare experience

7 Real World

Beyond recall & claims, actual customer behaviors and medical evidence

Interconnectivity

Platforms that seamlessly <u>connect</u> the patient experience; wherever they are: at home, in the office, and online

Measur

Measured Outcomes

Interventions are tracked in clinical measures and outcomes

Questions

Thank you