

Radiological Reports – Intraoral Analysis

Diagnocat Karen Morgan

David Johnston

Karen Morgan
54 years Female ID: 001

Treating doctors +
David Johnston

Shared with

Clinical case description

IOXRay AI
Jul 21, 2025

Create AI report

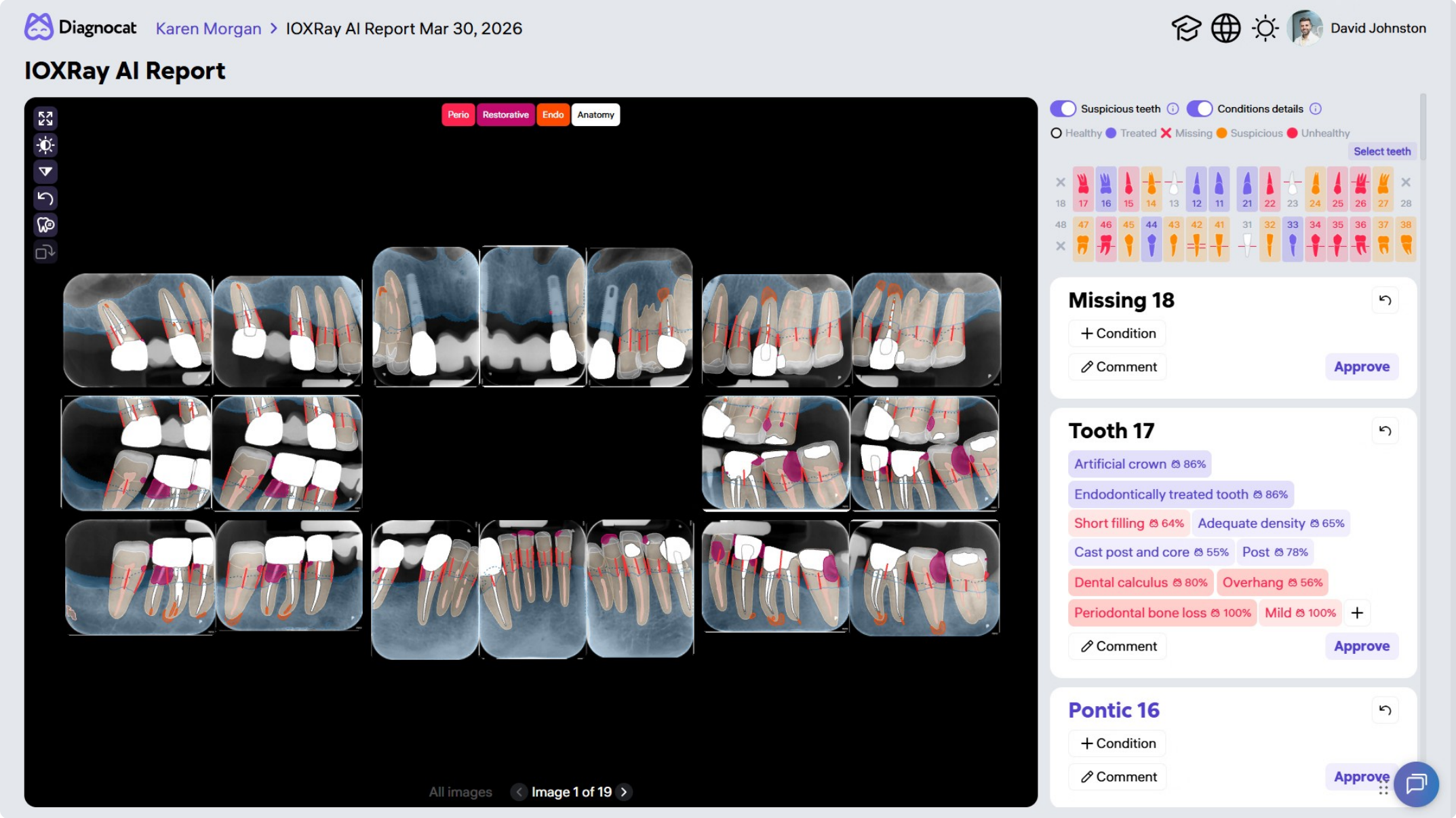
- CBCT
- Pano
- IOXRay
- 3D model
- Implant
- Ortho
- Transcriptor

Dental Photos

Accessing IOXRay Report

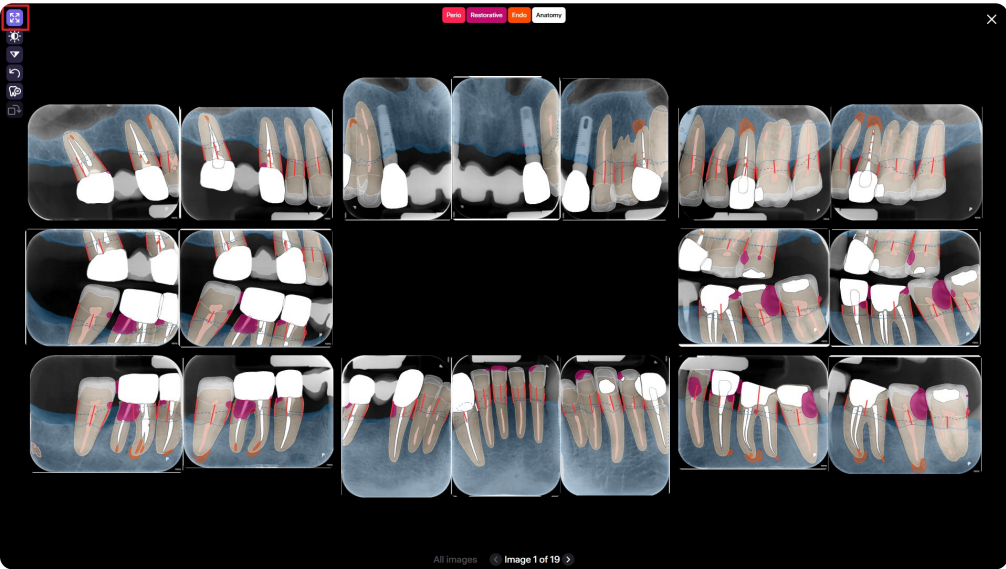
- Click on an intraoral image to open the IOXRay Report.
- Diagnocat supports uploading 1 to 24 intraoral images per patient.
- Images appear on the left side in a matrix, aligned with the dental formula.

Image Adjustment Tools

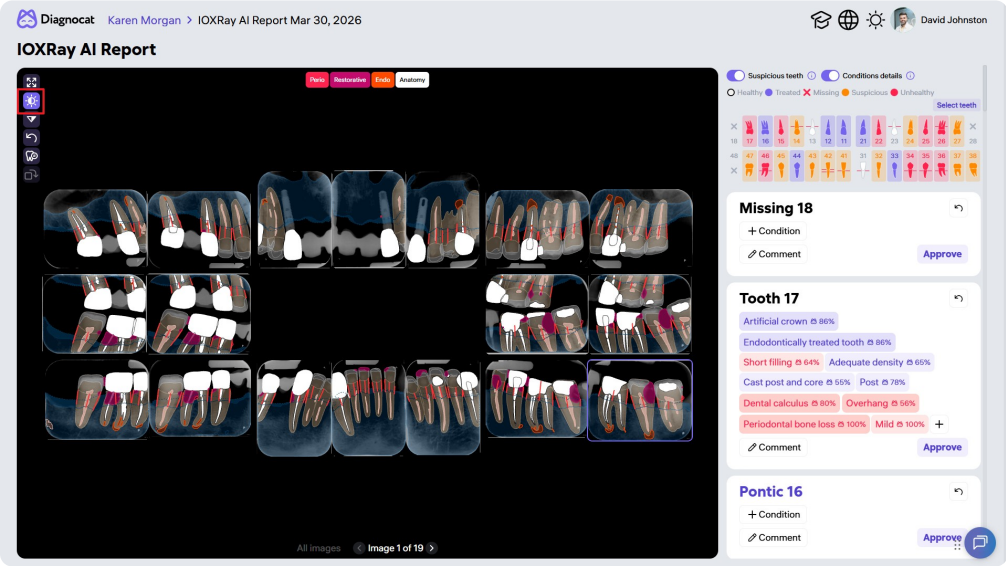


Use the toolbar to:

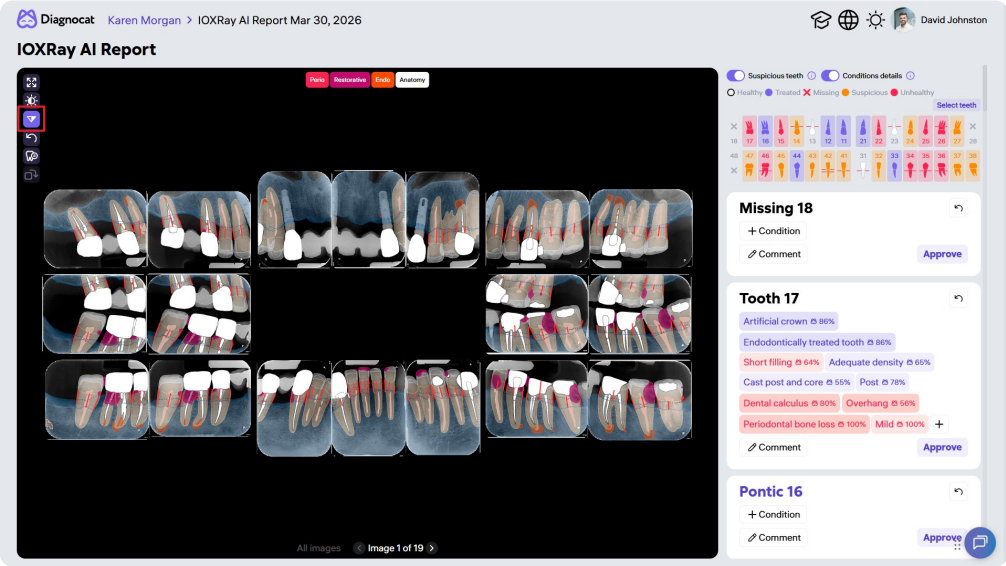
Expand to full screen



Change Brightness/Contrast

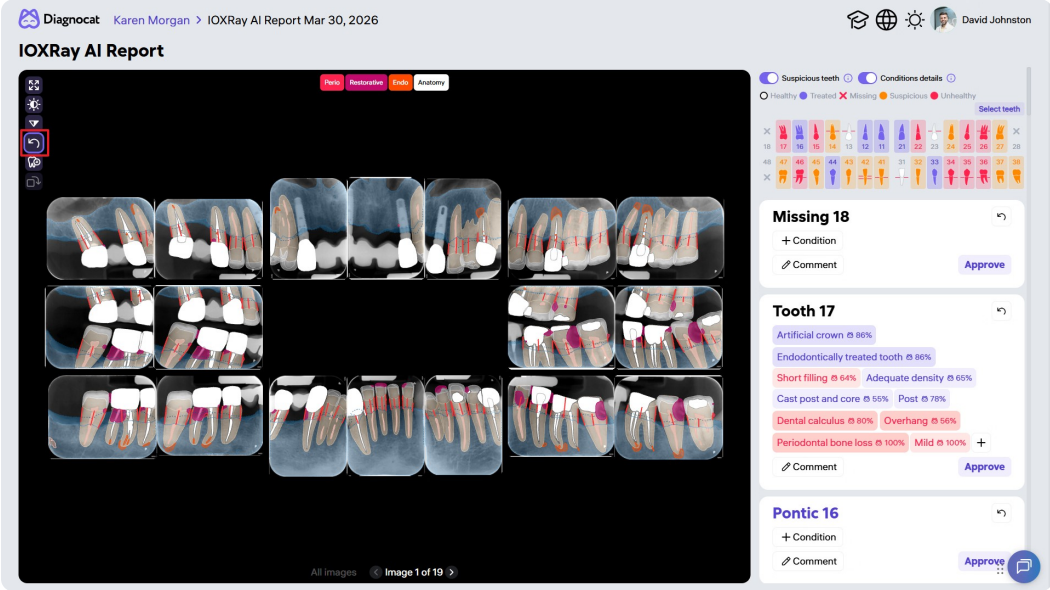


Change sharpness

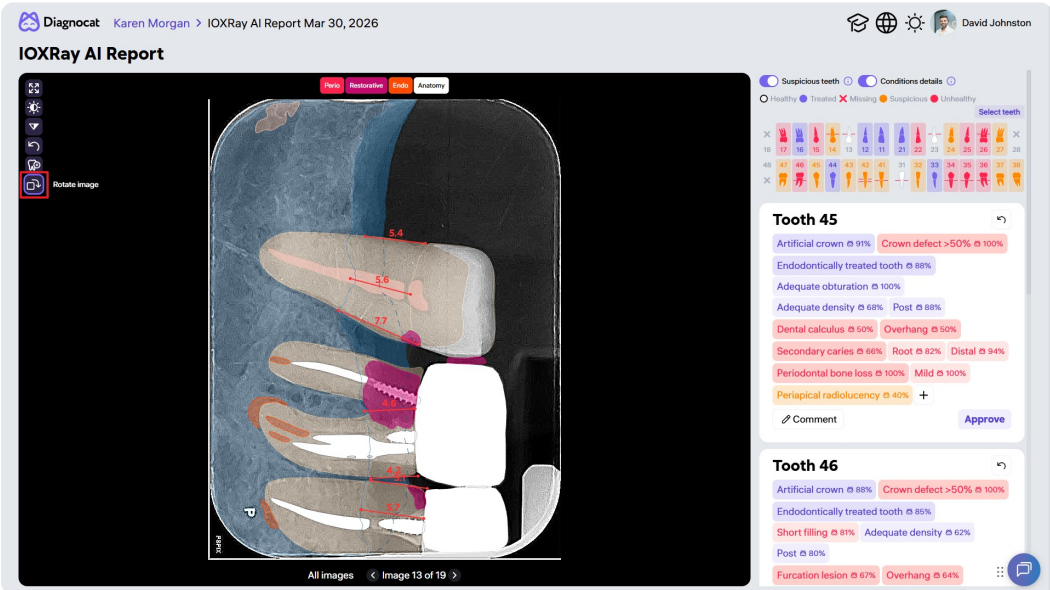


These tools improve visibility and diagnostic clarity.

Reset changes



Rotate image



Editing Tooth Information

If a tooth number is incorrect:

01

Click Change Tooth Number.

03

Enter the correct number.

02

Select the tooth.

04

Confirm to update the dental formula.


Diagnocat

Karen Morgan
>
IOXRay AI Report Mar 30, 2026





David Johnston

IOXRay AI Report



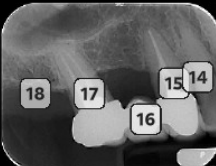
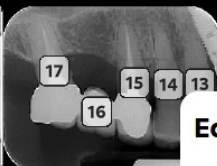


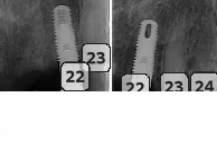
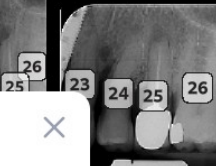


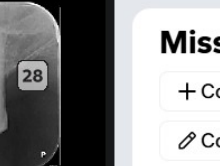
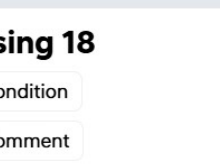
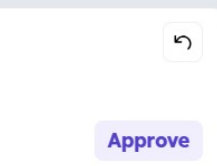


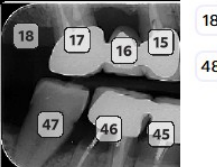
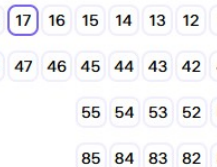
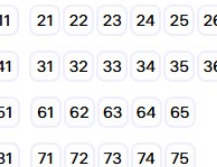
Cancel

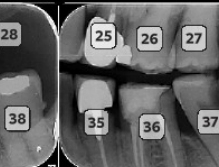
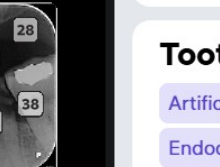
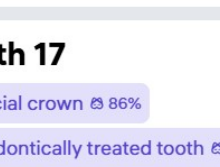
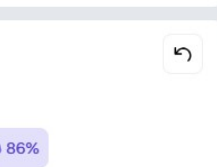
Confirm

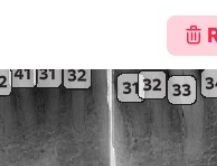
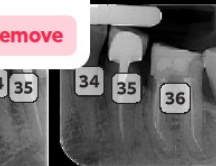
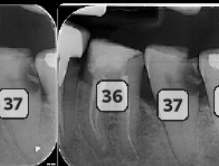
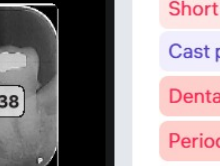
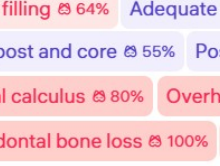






Edit teeth numbers

18

17

16

15

14

13

12

11

21

22

23

24

25

26

27

28

48

47

46

45

44

43

42

41

31

32

33

34

35

36

37

38

55

54

53

52

51

61

62

63

64

65

85

84

83

82

81

71

72

73

74

75

Remove

Suspicious teeth

Conditions details

Healthy

Treated

Missing

Suspicious

Unhealthy

Select teeth

18

17

16

15

14

13

12

11

21

22

23

24

25

26

27

28

48

47

46

45

44

43

42

41

31

32

33

34

35

36

37

38

Missing 18

+ Condition

Comment

Approve

Tooth 17

Artificial crown 86%

Endodontically treated tooth 86%

Short filling 64%

Adequate density 65%

Cast post and core 55%

Post 78%

Dental calculus 80%

Overhang 56%

Periodontal bone loss 100%

Mild 100%

Comment

Approve

Pontic 16

+ Condition

Comment

Approve

All images

Image 1 of 19

The chart updates automatically.

Critical Area Tag Filters (CATs)

Diagnocat

Karen Morgan > IOXRay AI Report Mar 30, 2026

Suspicious teeth

Conditions details

Healthy

Treated

Missing

Unhealthy

Select teeth

17

16

15

14

13

12

11

21

22

23

24

25

26

27

28

47

46

45

44

43

42

41

31

32

33

34

35

36

37

38

Dental calculus

Overhang

Periodontal bone loss

+

Comment

Approve

Pontic 16

+ Condition

Comment

Approve

Tooth 15

Artificial crown

Endodontically treated tooth

Open margin

Secondary caries

Periodontal bone loss

+

Comment

Approve

Tooth 14

Artificial crown

Periodontal bone loss

Periapical radiolucency

+

Comment

Approve

IOXRay AI Report

Perio

Restorative

Endo

Anatomy

Image 1 of 19

At the top of the report, use CAT filters to highlight findings:

Perio

Periodontal conditions

Restorative

Restorations and related findings

Endo

Endodontic conditions

Anatomy

Anatomical structures and previous treatments

Filters will help you focus your analysis by condition type.

Understanding the Dental Formula

Color indicators represent tooth status:

White
Healthy teeth

Purple
Previously treated teeth

Red
Unhealthy teeth

Cross
Missing teeth

Suspicious teeth

i

Conditions details

i

Healthy

Treated

Missing

Unhealthy

Select teeth

×

18

17

16

15

14

13

12

11

21

22

23

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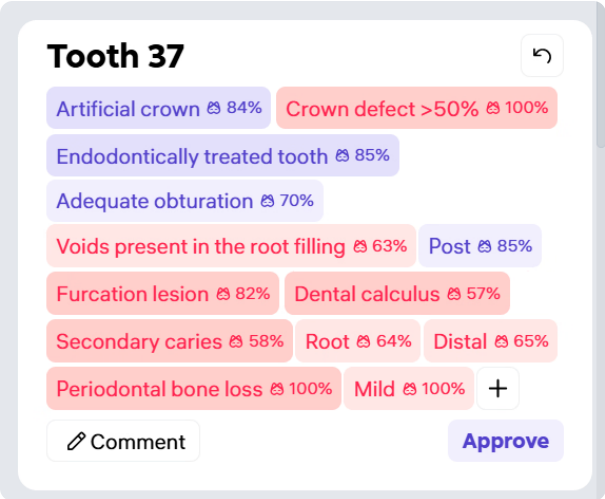
37

38

Red horizontal bars indicate periodontal screening data.

Click any tooth icon to open its Tooth Card.

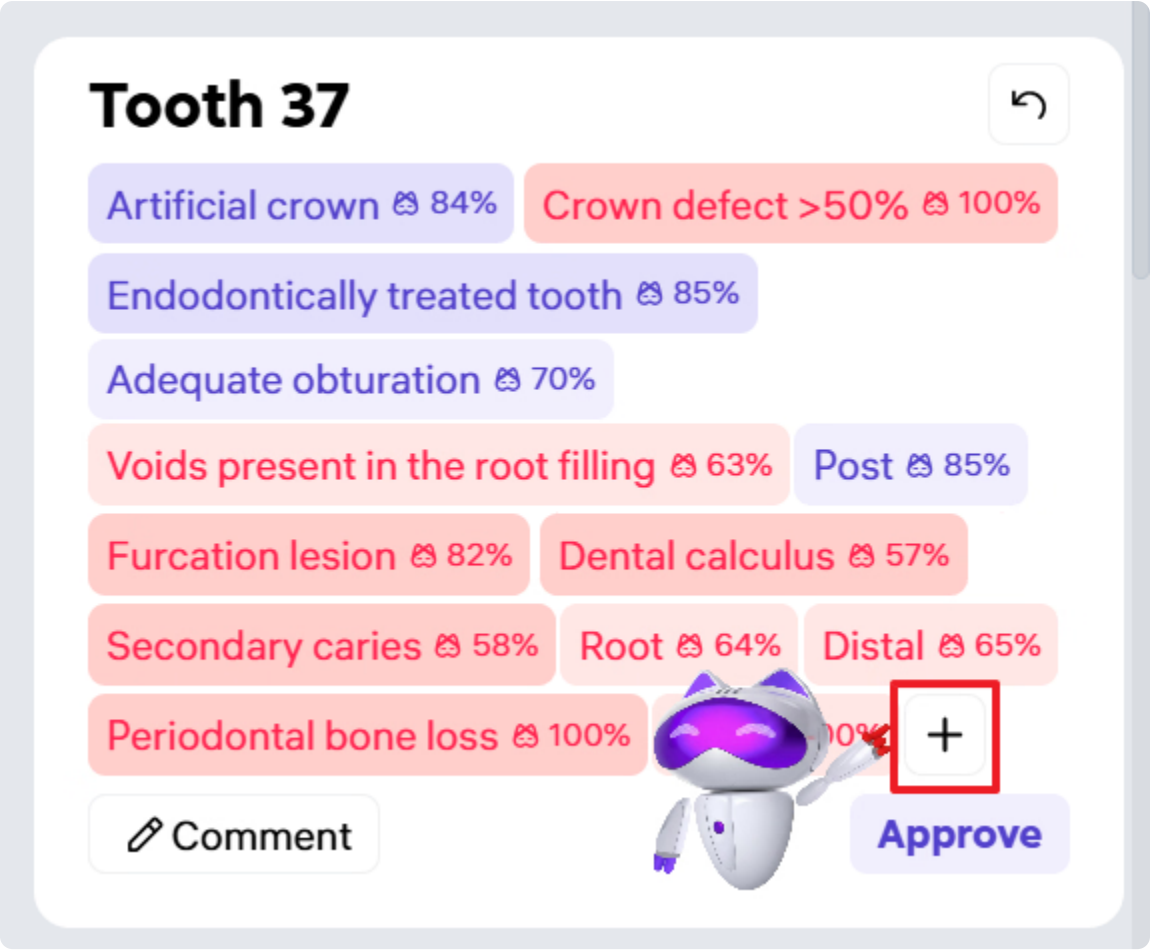
Using Tooth Cards



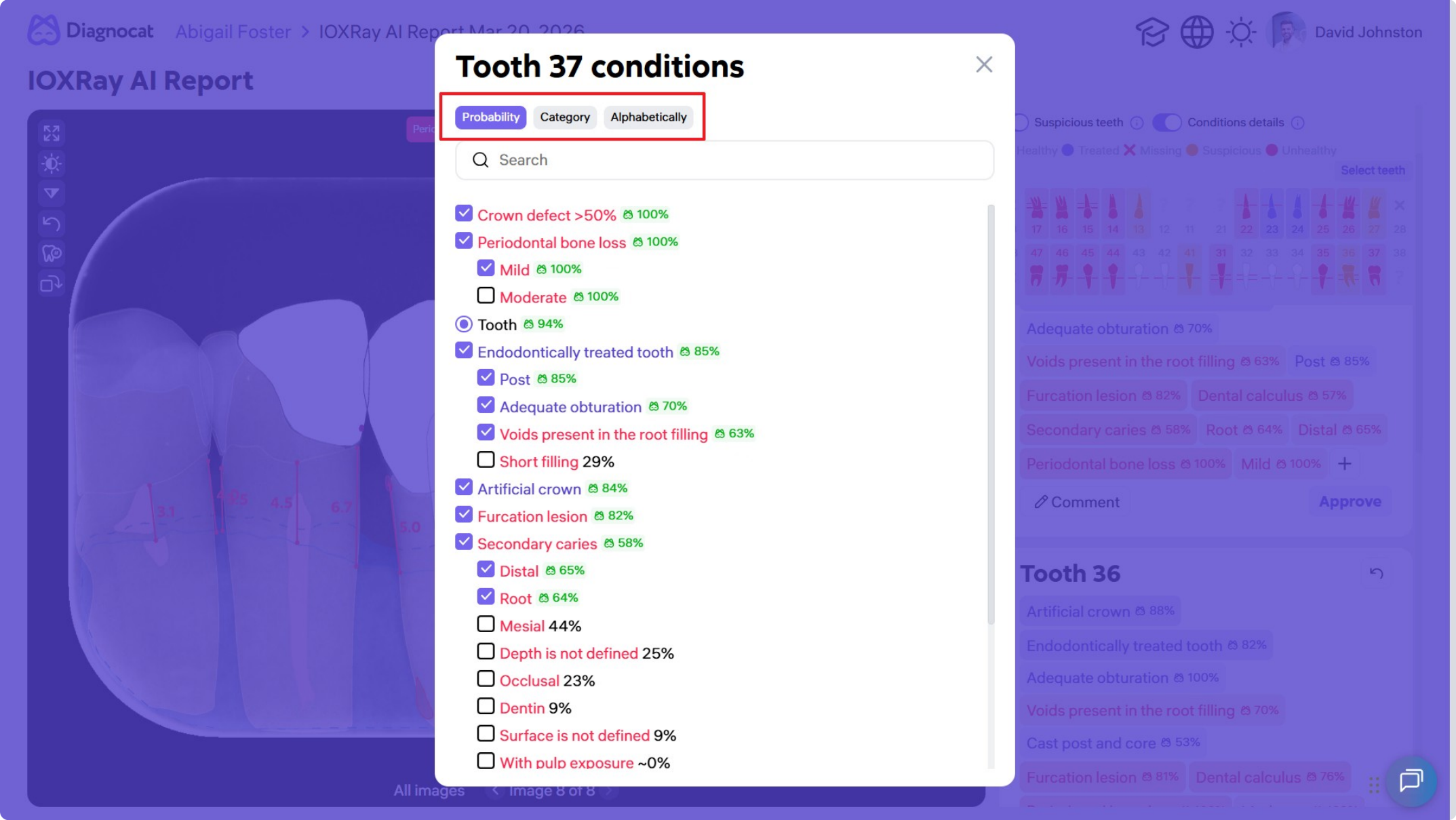
Each Tooth Card includes:

- A summary of detected conditions
- AI confidence $\geq 50\%$
- Condition type and severity

Modifying Detections



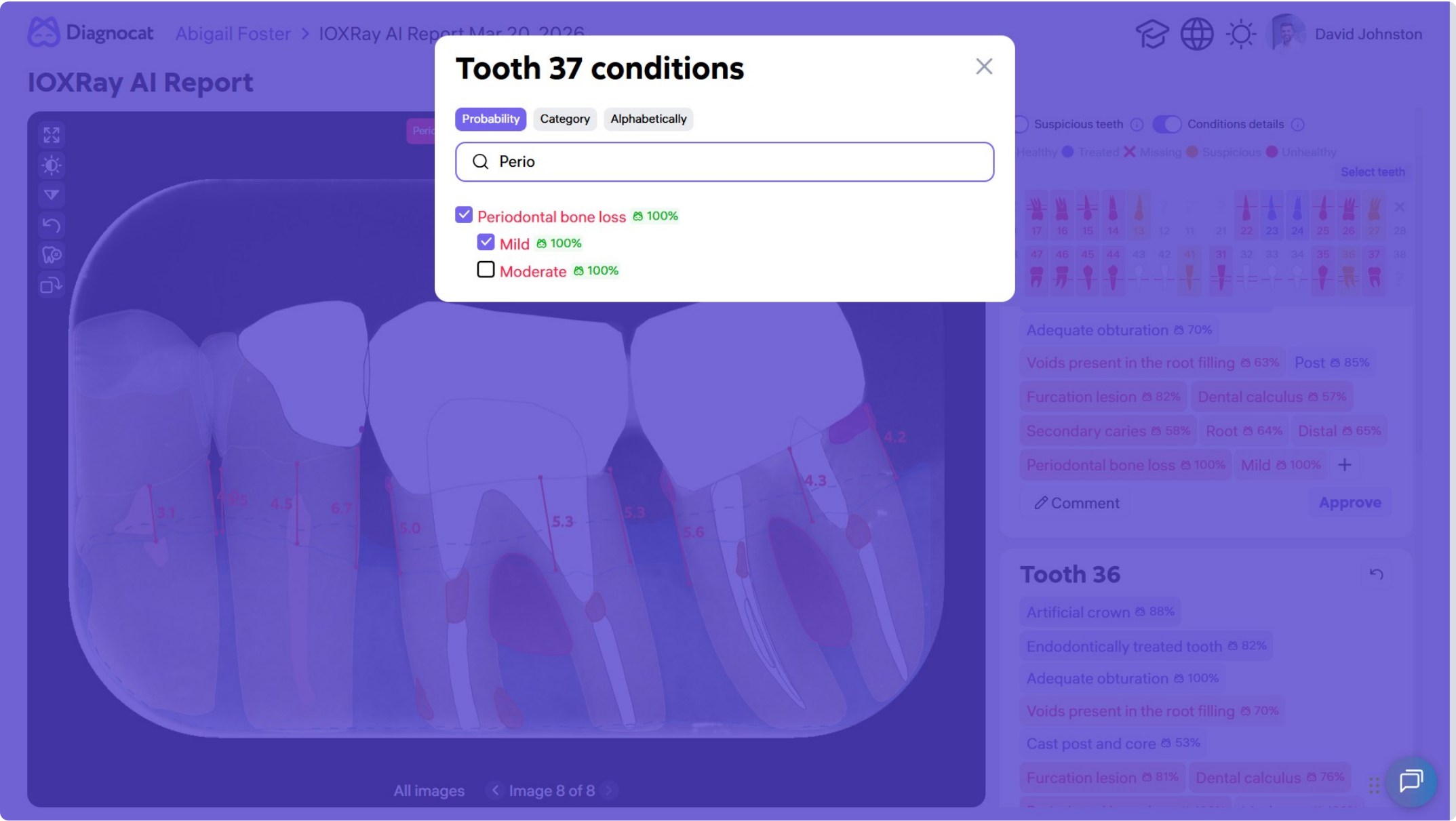
- Click the Plus (+) icon.
- Add or remove detections.



Filter by:

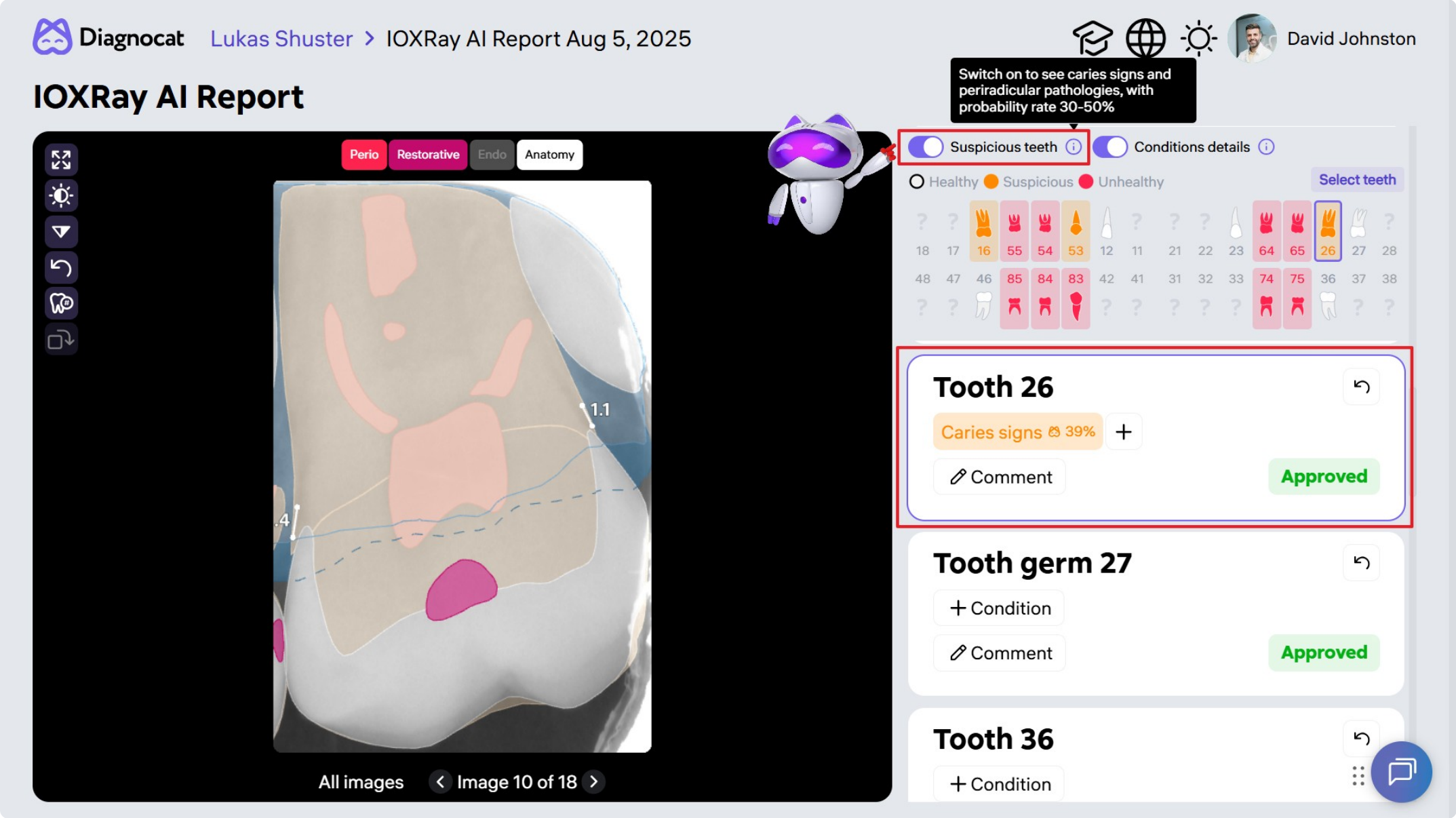
- Probability
- Category
- Alphabetical order

Use the search bar to find specific conditions.



Additional Tools

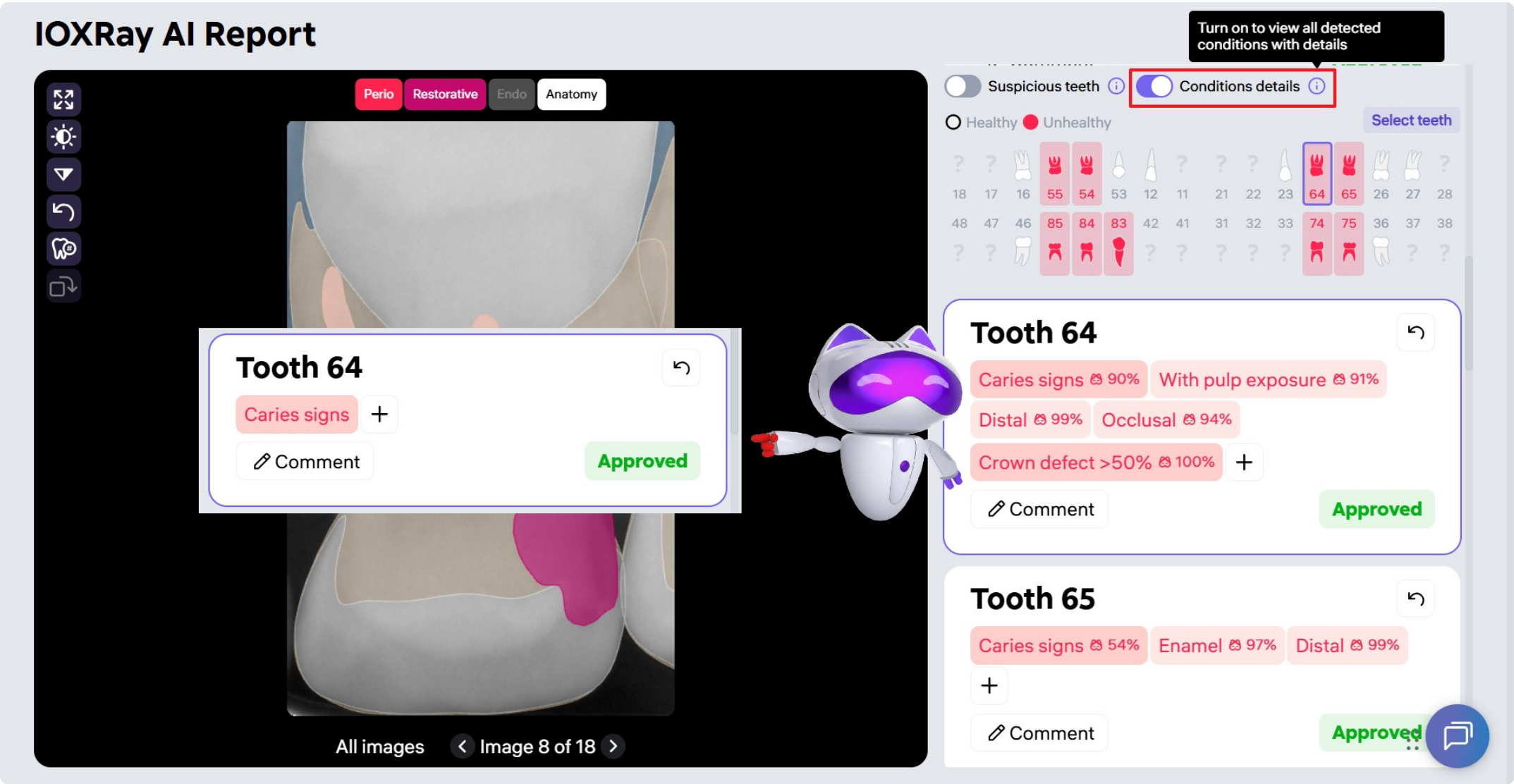
Suspicious Teeth



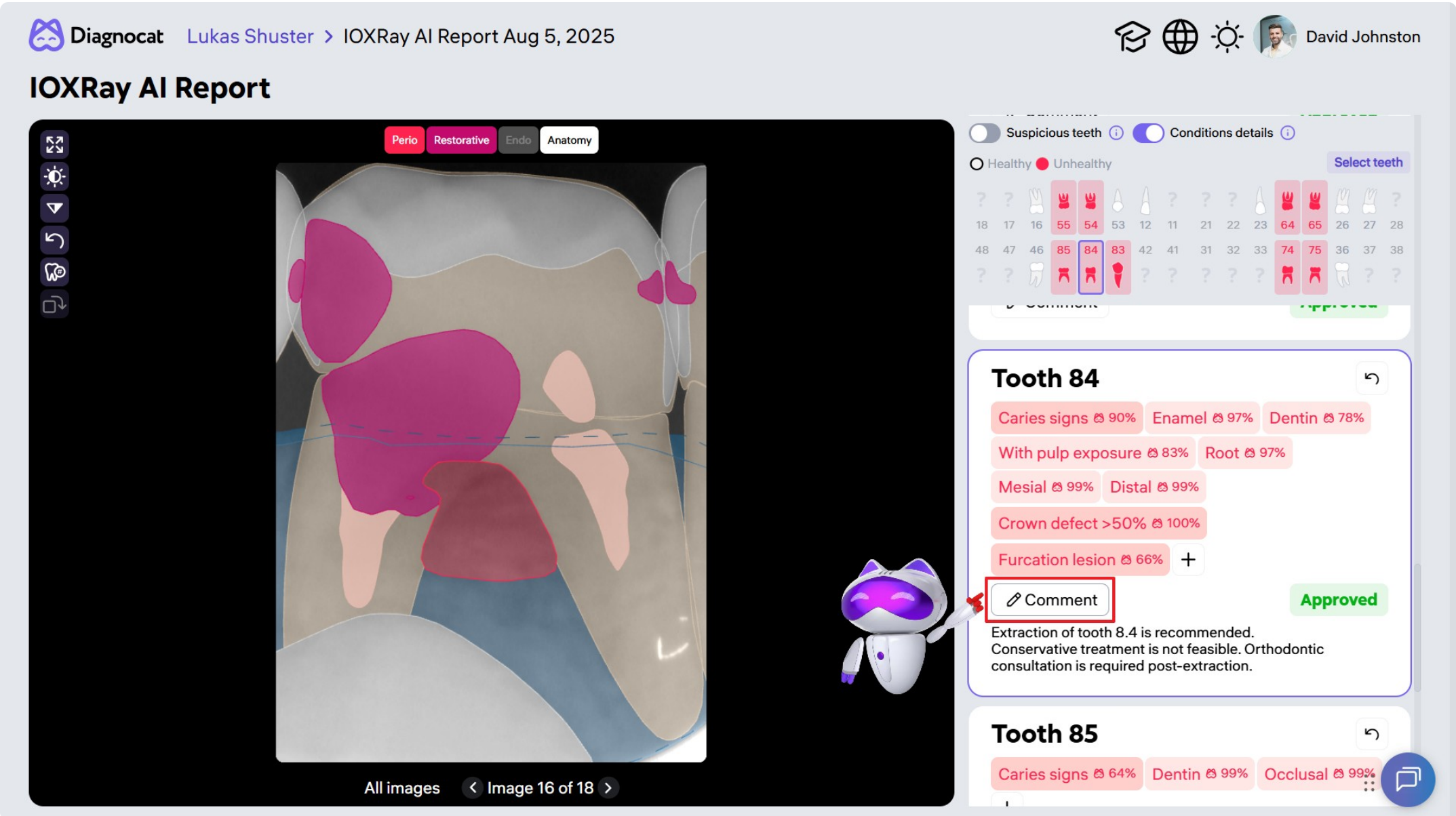
- Highlights teeth with 30–50% AI confidence
- Marked in yellow
- Useful for early caries or subtle lesions

Condition Details

- Expand or collapse full detection lists



Comments



- Add notes per tooth
- Included in the final report

Finalizing the Report

01

Click Select teeth.

02

Select:

- Individual teeth, or
- Groups (All, Healthy, Unhealthy, Treated, Missing, Suspicious)

Suspicious teeth

Conditions details

All 28

Healthy 5

Treated 3

Missing 3

Suspicious 4

Unhealthy 13

Save

× 18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	× 28
× 48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

The chosen group(s) will be included in the report.

Add your Clinical Conclusions and treatment recommendations.

Conclusion

B ***I*** **U**  Normal     

Treatment Plan:

1. Periodontist consultation.
2. Periodontal treatment.
3. Prosthodontic consultation.
4. Endodontic retreatment of teeth 1.6 and 2.5.

Save

Print report without signature

✓ **Approve all and sign**  

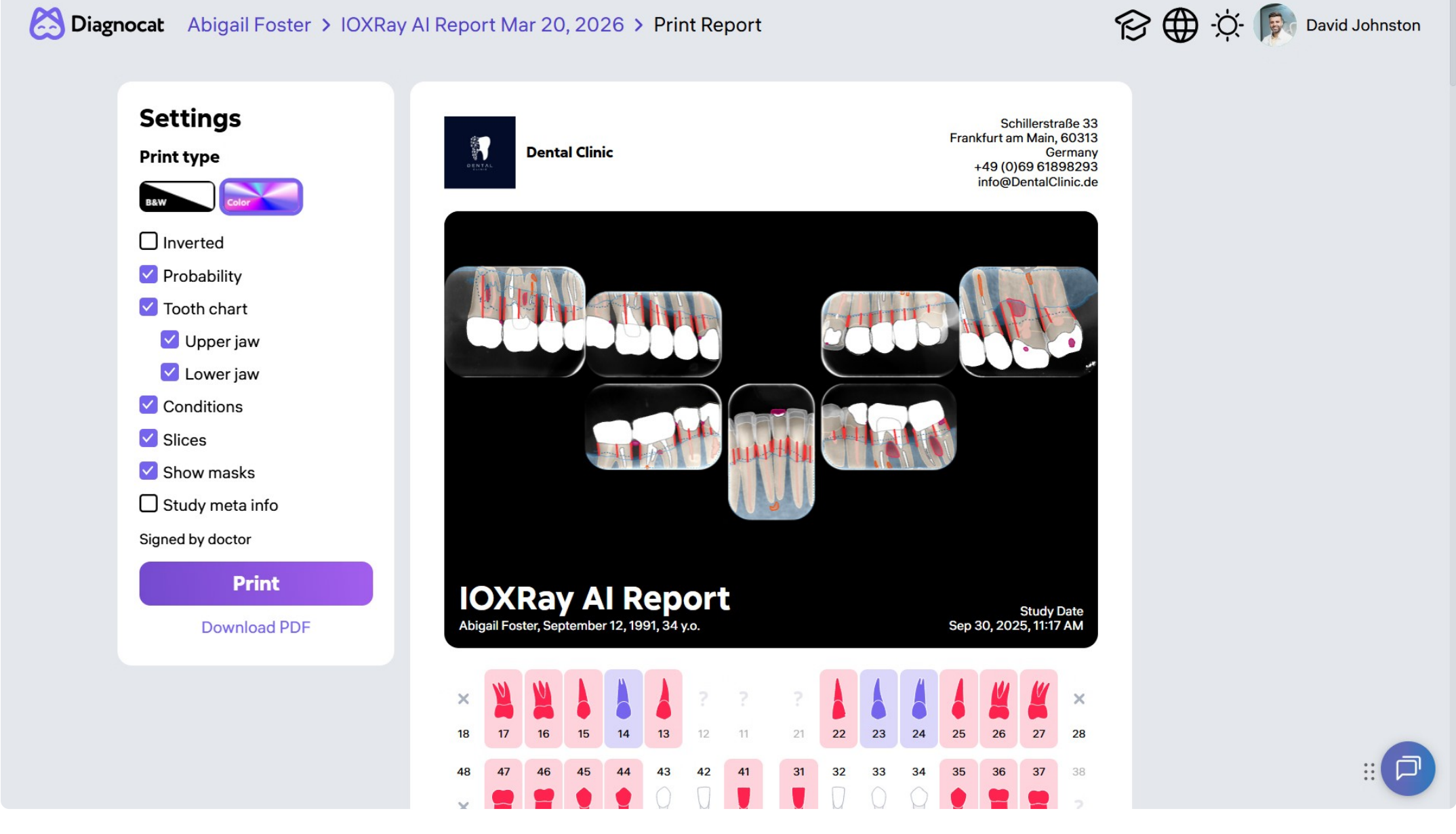
Note that you have full control over the look and feel of your clinical notes. Feel free to format the text to your preference: adjust font styles, add images for clarity, and attach relevant links.

 Best practice tip: The attending dentist should review, confirm all findings, and sign the final report to make it a valid medical record.

Exporting the Report

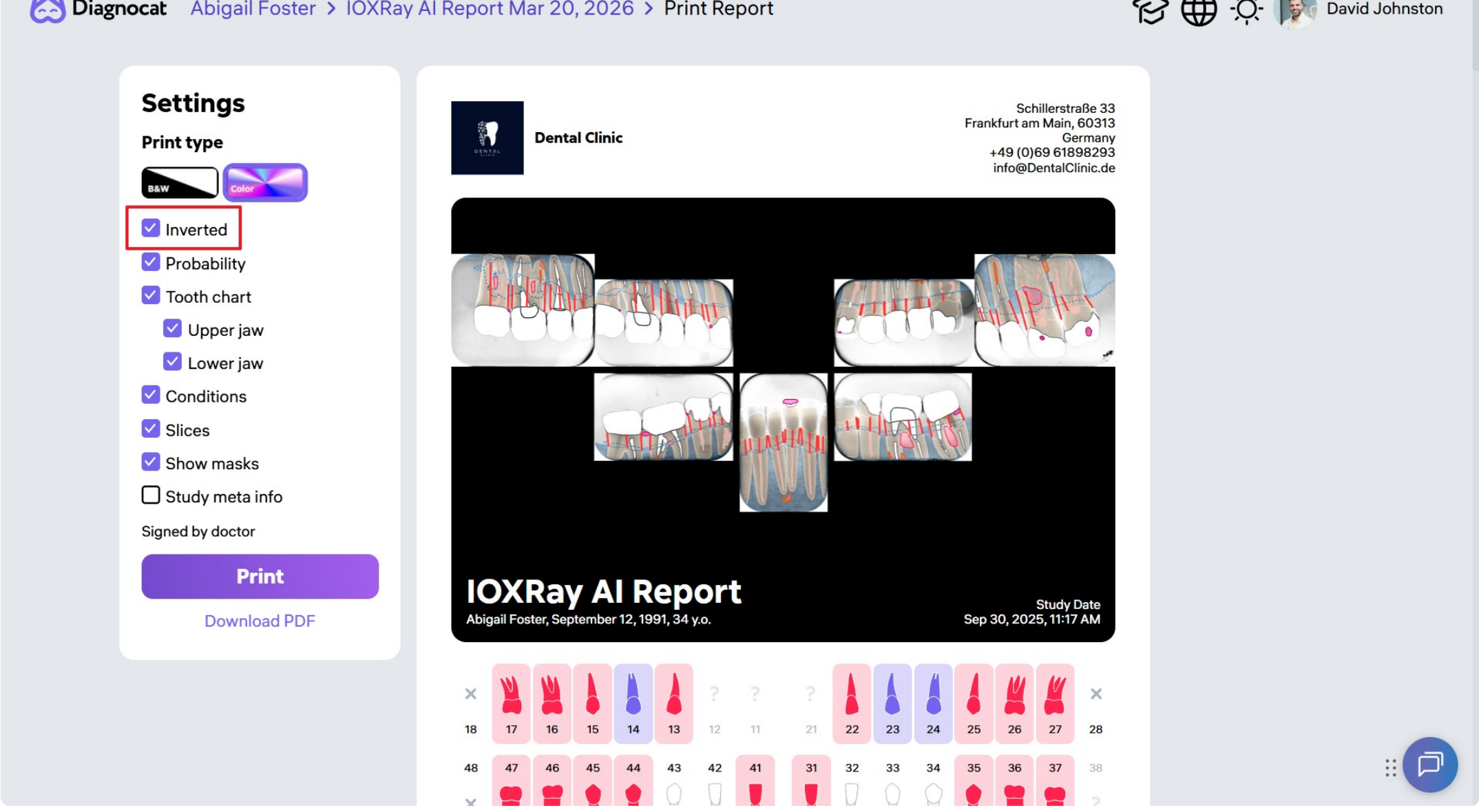
You'll now have a complete report, with your clinic's logo and information displayed.

The report can be further customized and all parameters shown on the left are editable.

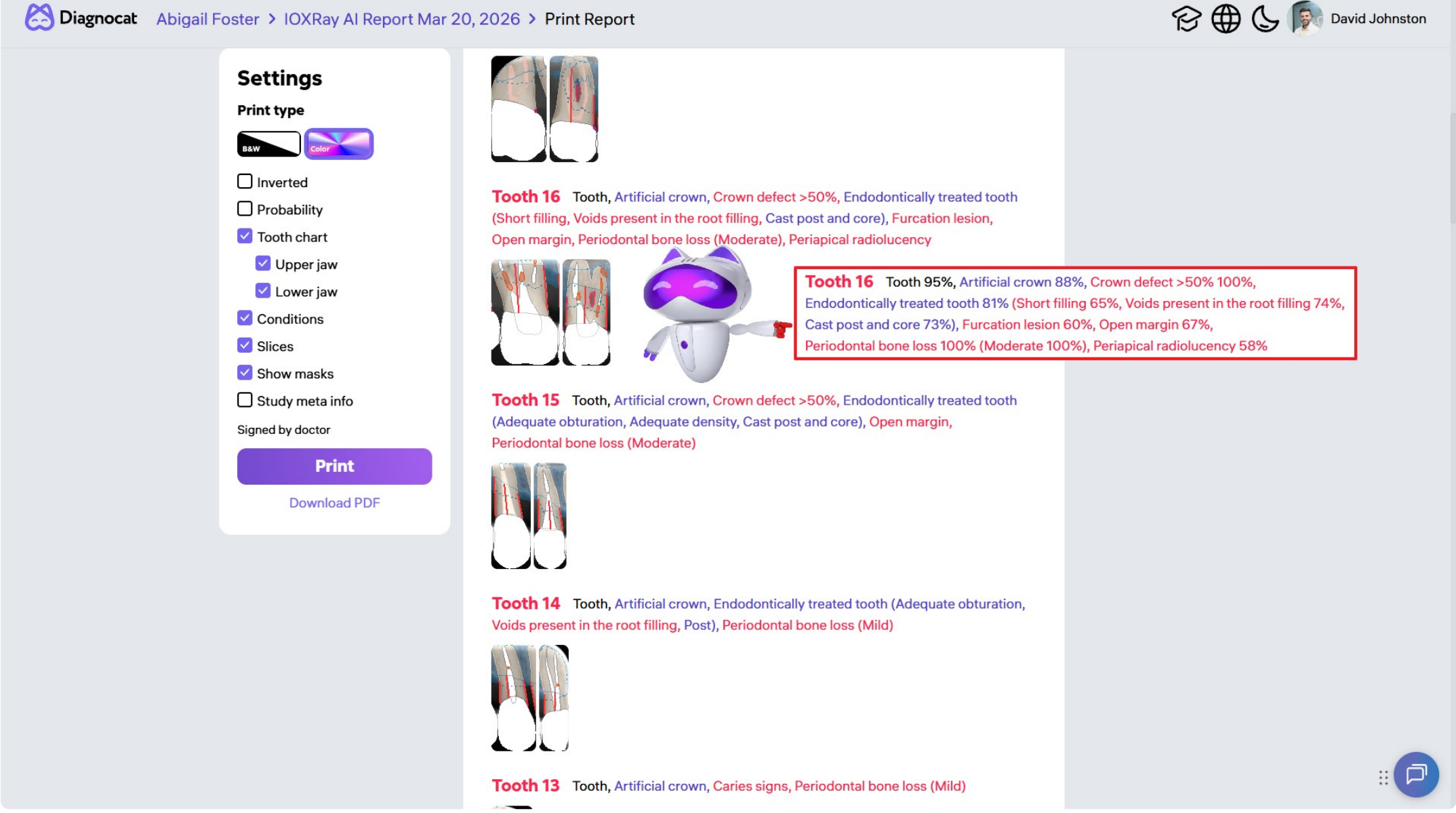


Customized report parameters:

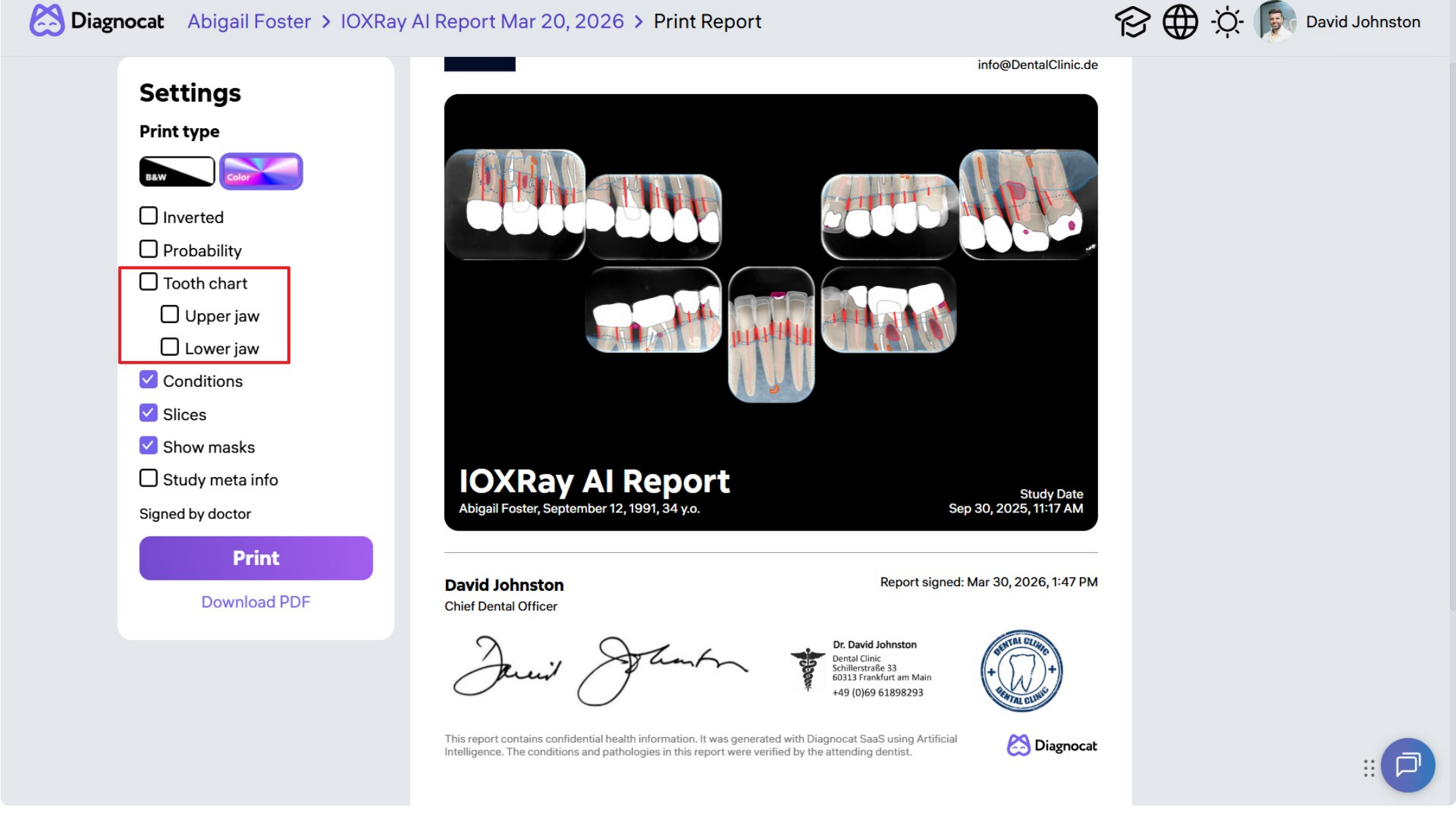
- Print type black and white or color
- Inverted



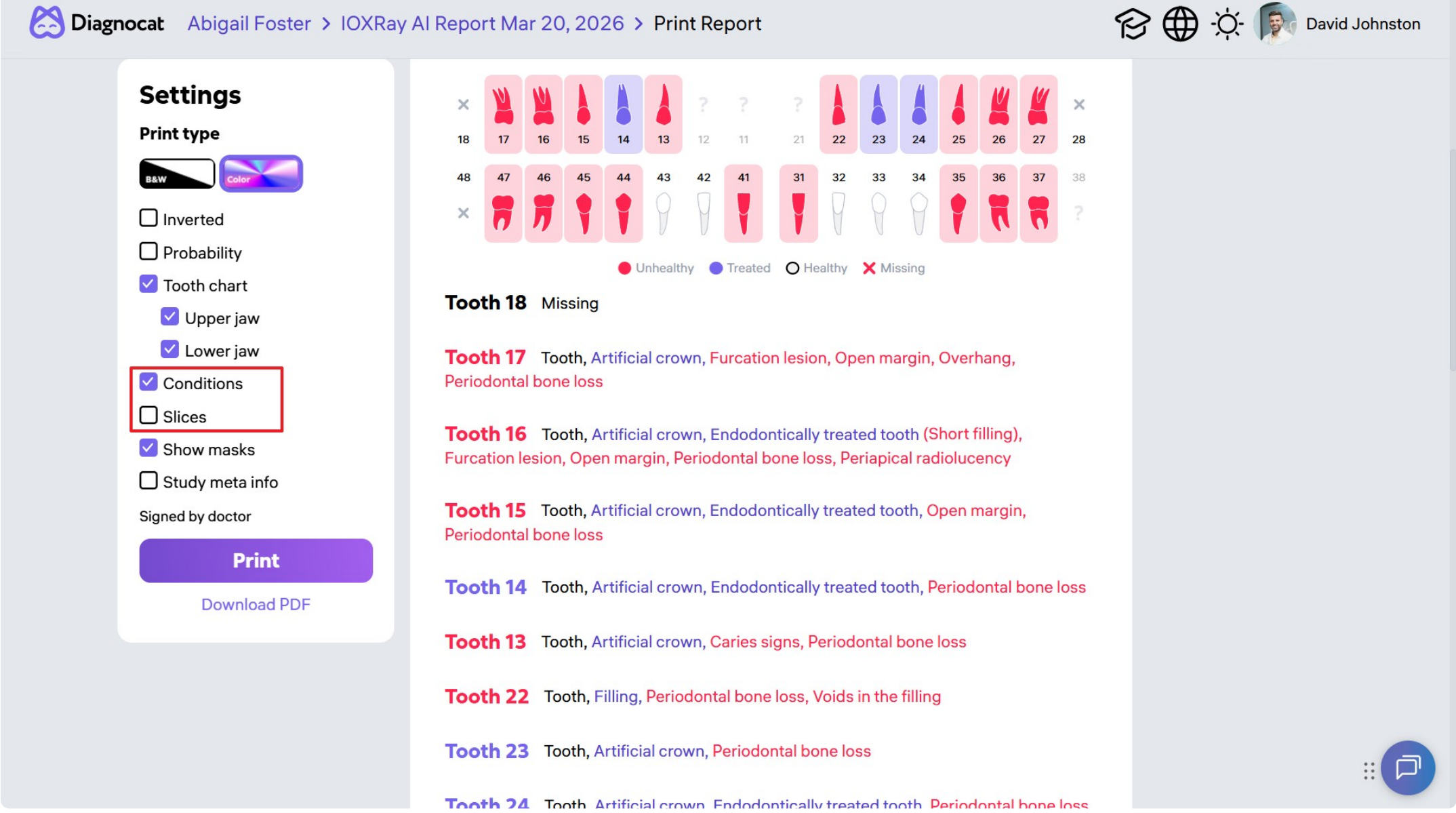
- Enable/disable percentage probability display in the report



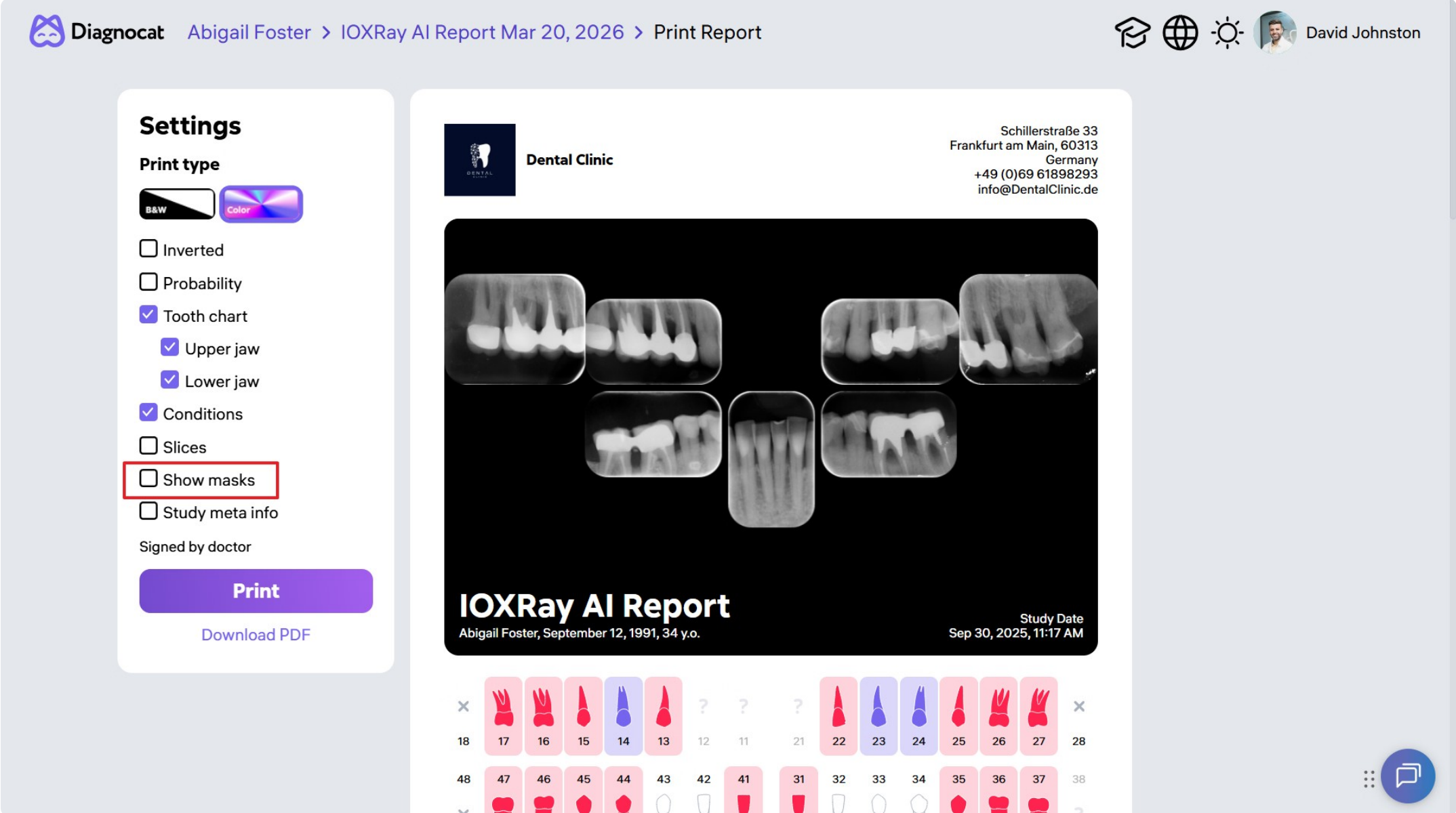
- Hide or show the tooth chart for upper or lower jaw.
- You can also hide the dental chart from the report. By unchecking the Upper Jaw box, you will hide all upper teeth from the report; by unchecking the Lower Jaw box, you will hide all lower teeth from the report.



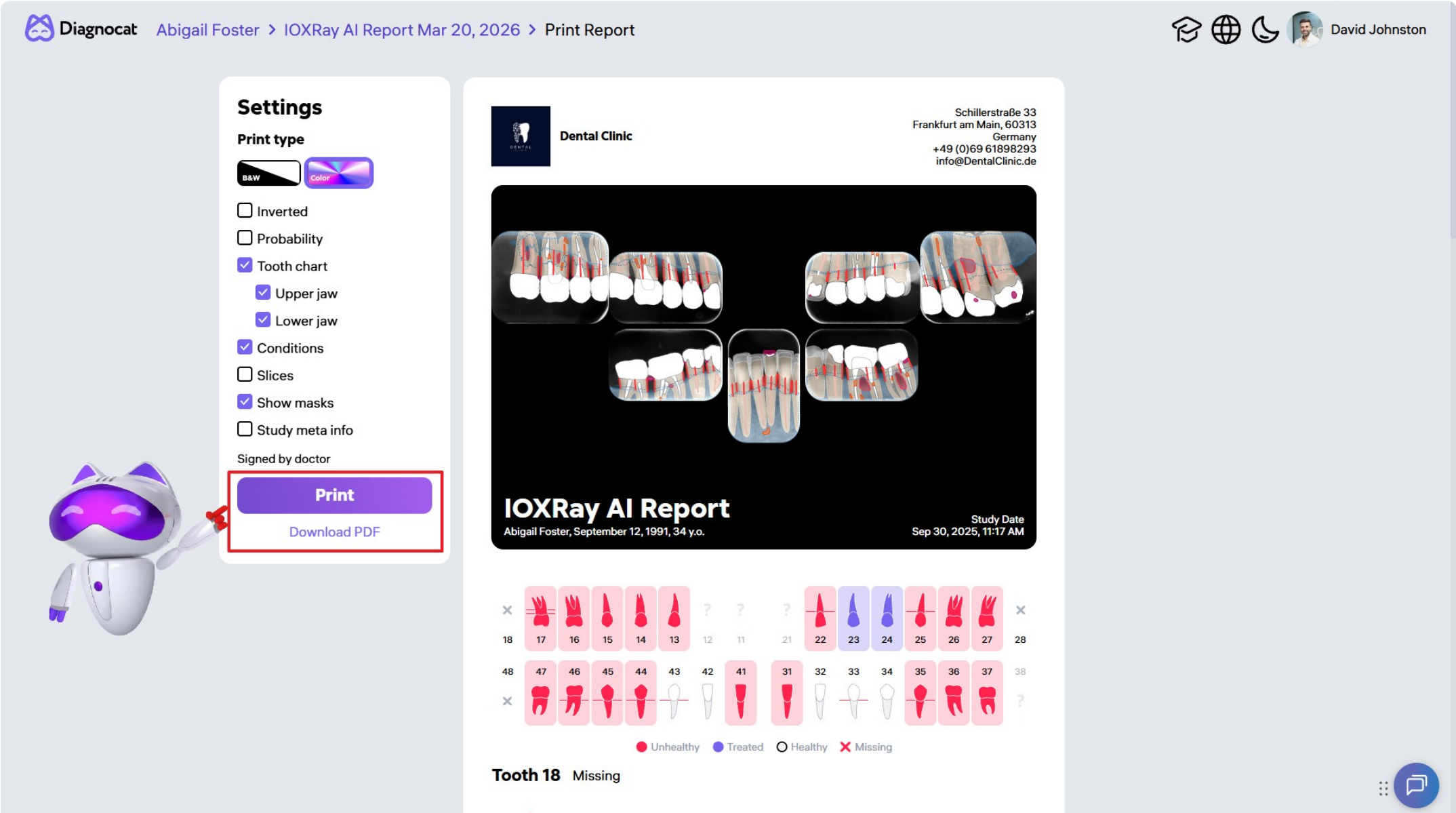
- By unchecking the Conditions box, you remove all conditions detected by Diagnocat from the report.
- By unchecking the Slices box, you remove all sets of slices from the report.



- You can hide or show masks



- Download as PDF for electronic sharing or print right away for the patient consultation.



Our reports are ideal for patient consultations, facilitating visuals and informed decision-making regarding recommended treatments.