# DoseEZ™
## By ConfluenceAI

## Real-Time Actionable Data After Each UVC Room Disinfection
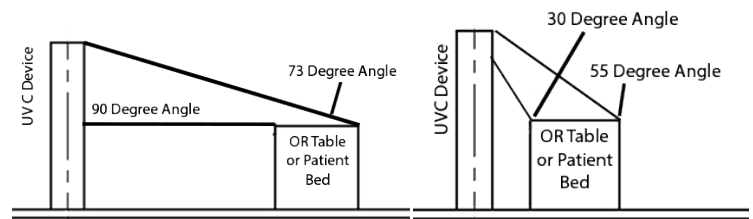
Introducing DoseEZ™ by ConfluenceAI - a patented technology designed to improve infection control in healthcare settings. These advanced UVC sensors provide real-time data after each disinfection, helping to combat Hospital Acquired Infections (HAI). With cloud storage of disinfection treatment data, DoseEZ is a powerful tool in the fight against HAI.

U.S. Patent No. 12,491,282-B2
US and Int'l Patents Pending

## One DoseEZ
## Use With Any UVC Unit
## Unlimited Treatments
## Entire Hospital
## Just $199/Month
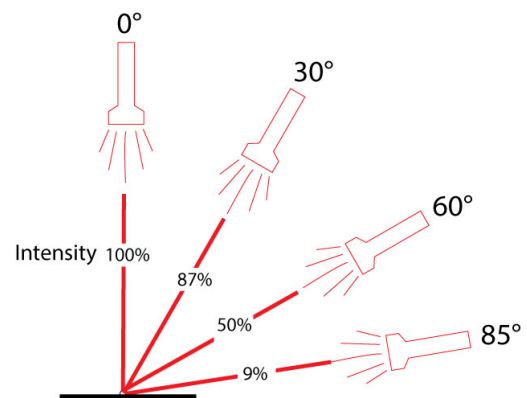### Annual Subscription Last Month Free ($182/Mo)



**Effect of UVC Device Placement on Angle**
**Compare the Angles to UVC Reduction in Fig. 2**
**Fig. 1**

## Lambert's Cosine Law
## UVC Light Effectiveness Dramatically Lowers As The Angle Increases

If your UVC Device reports 100mJ/cm² UVC Dose when shining directly onto a surface (Fig 2. 100%), then at a 60 degree angle, your OR table or patient bed is only receiving 50% (50mJ/cm²)!

DoseEZ compensates for angled UVC for the highest accuracy. Ignore your UVC Device reports and use DoseEZ's comprehensive data.



**Horizontal Surface Patient Bed or OR Table**
**85 Degree Angle = 9% UVC Energy**
**Fig. 2**

ConfluenceAI
DATA UNITED. AI IGNITED.™

# Infection Prevention Managers
## Customize The Cloud Dashboards To Your Needs

| OR12 | 📊 See Data | OR12 Dose | OR12 Threshold — 4 days ago | OR12 Results — 4 days ago |
|---|---|---|---|---|
| **11.5 days** SINCE LAST TREATMENT | | **220 mJ/cm²** Last Dose | Max: 200 | **1.92** min last_or12_duration |
| OR16 📊 See Data | | OR16 Dose | OR16 Threshold — 4 days ago | OR16 Results — 4 days ago |
| **12.4 days** SINCE LAST TREATMENT | | **126 mJ/cm²** Last Dose | Within Range | **2.18** min last_or16_duration |
| OR17 📊 See Data | | OR17 Dose | OR17 Threshold — 4 days ago | OR17 Results — 4 days ago |
| **16.6 days** SINCE LAST TREATMENT | | **9 mJ/cm²** Last Dose | Within Range | 01/04 13:58 EST last_or17_treatment |
| OR6 📊 See Data | | OR6 Dose | OR6 Threshold — 4 days ago | OR6 Results — 4 days ago |
| **11.5 days** SINCE LAST TREATMENT | | **225 mJ/cm²** Last Dose | Max: 200 | 01/09 15:06 EST last_or6_treatment |

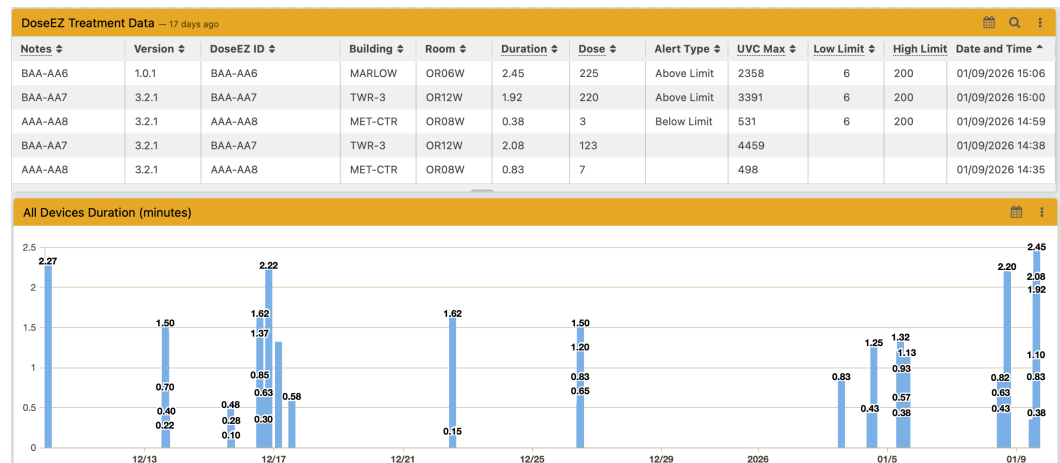### Easy to Understand Color Coded Results

- This table includes:
- Days Since Last Treated
- Dose Amount:
  - Yellow <10% Overage
  - Green Within Limits
  - Rose Under Limit or >10% Over
- Threshold Shows Min & Max Values or if Within Range
- Results Shows Treatment Duration and Date/Time
- Custom Reports Available

## Choose Various Data Logs, Charts and Widgets

This table includes many valuable datapoints, such as Building, Room, Dose, Duration, Alert Type, Maximum UVC Treatment Level, Minimum & Maximum UVC Limits & more.

**DoseEZ Treatment Data** — 17 days ago

| Notes ⇕ | Version ⇕ | DoseEZ ID ⇕ | Building ⇕ | Room ⇕ | Duration ⇕ | Dose ⇕ | Alert Type ⇕ | UVC Max ⇕ | Low Limit ⇕ | High Limit | Date and Time ⬆ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BAA-AA6 | 1.0.1 | BAA-AA6 | MARLOW | OR06W | 2.45 | 225 | Above Limit | 2358 | 6 | 200 | 01/09/2026 15:06 |
| BAA-AA7 | 3.2.1 | BAA-AA7 | TWR-3 | OR12W | 1.92 | 220 | Above Limit | 3391 | 6 | 200 | 01/09/2026 15:00 |
| AAA-AA8 | 3.2.1 | AAA-AA8 | MET-CTR | OR08W | 0.38 | 3 | Below Limit | 531 | 6 | 200 | 01/09/2026 14:59 |
| BAA-AA7 | 3.2.1 | BAA-AA7 | TWR-3 | OR12W | 2.08 | 123 | | 4459 | | | 01/09/2026 14:38 |
| AAA-AA8 | 3.2.1 | AAA-AA8 | MET-CTR | OR08W | 0.83 | 7 | | 498 | | | 01/09/2026 14:35 |

**All Devices Duration (minutes)**



## Goodbye Dots, Hello IoT Sensors!

DoseEZ replaces the expensive color-changing paper dots with a digital solution that measures precise dose levels, detects over/ under-dosing, and permanently documents historical records.

## Validate Treatment Dose

Patented DoseEZ uses QR code identifiers to Cloud-Store UVC doses for EACH sensor location in EVERY room. Add QR codes to each UVC device. The Cloud will use historical performance data, and alert staff when new lamps are needed.

## Immediately Actionable Cloud Data

Dose treatment levels sent to the Cloud will immediately alert staff members, if the UVC dosage is below or above your set limits.

## Nothing To Purchase

DoseEZ is an affordable monthly or annual subscription and not a captial equipment purchase. The subscription includes hardware maintenance and software updates.

## Specifications

- Wireless Connectivity: Bluetooth® and WiFi. Optional LoRaWAN Eliminates WiFi Need.
- No HIPAA Issues. Use Hospital Guest WiFi network
- Data Storage: Cloud Enterprise Grade Management Environment
- Phone Apps: IOS and Android
- Power: 12VDC. Rechargeable Battery for Mobile Use
- NIST Traceable 254nm UVC Sensor