



PHYSICIANS + HOSPITALS + OPIOID SETTLEMENTS

# The Billion Pill Pledge: An Opportunity to End Opioid Addiction and Overdoses



# A Better Approach to Surgery while Minimizing Opioids

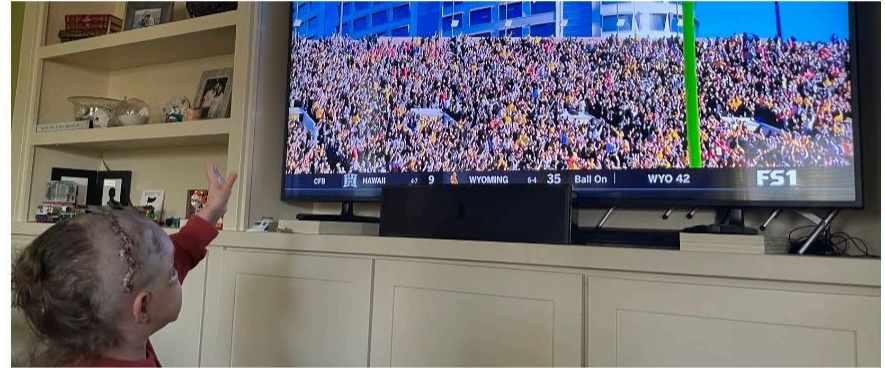
Reid Greenwood, 3 years old / 5th operation to repair cleft in skull above right eye



## What to expect

Estimated Length of hospitalization: 7 days (to get pain under control)

Highly likely: blood transfusion, drain port, heavy amounts of opioids, intense pain of recovery



## What actually happened

3 day length of stay

4 days saved resulting in estimated savings of \$13K

Minimal blood loss, no port, ZERO opioids and ZERO pain



# A Better Approach to Surgery while Minimizing Opioids

What would it mean if everyone got these protocols?



After follow-up conversations with surgery team, pharmacy and palliative care the UI is open to considering ERAS for pediatric surgery patients.

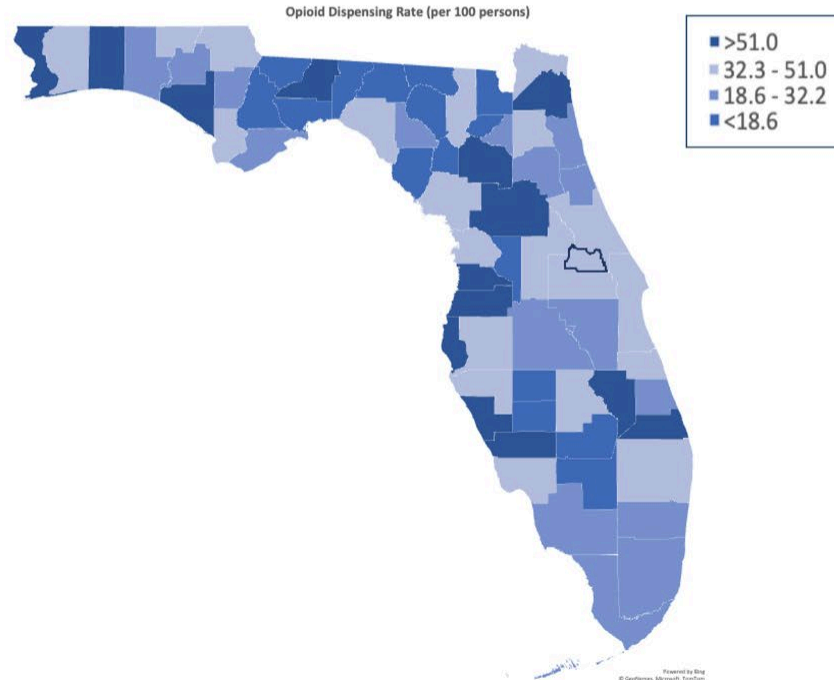
# A Better Approach to Surgery while Minimizing Opioids

## What would it mean if everyone got these protocols?



# Florida Opioid Dispensing Rates

Improvements have been made, but **Florida is still prescribing 40 opioid prescriptions/100 people** with Seminole County prescribing 33.4 opioid prescriptions/100 people.





# The Problem

Surgery is a leading gateway to opioid abuse - for patients and those close to them

- **75% of fentanyl users started with a prescription opioid**
  - Either their own Rx or diverted
  - Study published in JAMA - May 2025
- **30% of patients on Medicaid developed an opioid dependency following their first prescription**
  - The recent Stanford study further found that **prescription prescription quantity** and **duration** are the two most significant factors that are predictive of **opioid dependency dependency**



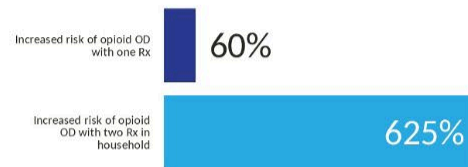
# Provider Education and Support

Education and implementation support to providers across the continuum of care in Nebraska to enhance the delivery of care according to opioid-minimizing pain management protocols.

*Provider education examples: training on multimodal pain management, highlighting non-opioid pain medication efficacy, debunking opioid benefits, and reviewing risks and overdose data*

## Opioid Prescriptions Impact the Whole Family

Study Details: 1.7 million adults, 1.2 million households



Opioids leading cause of childhood poisoning deaths

[www.aaa.org/en/news/room/news-releases/pediatrics/2022/study-opioid-poisoning-deaths-rising-disproportionately-in-infants-young-children](https://www.aaa.org/en/news/room/news-releases/pediatrics/2022/study-opioid-poisoning-deaths-rising-disproportionately-in-infants-young-children)

Michelle A. Hendricks, PhD<sup>1</sup>; Sanae El Ibrahim, PhD, MPH<sup>1,2</sup>; Grant A. Ritter, PhD<sup>3</sup>; et al. JAMA Netw Open. 2023; 6(3):e233385

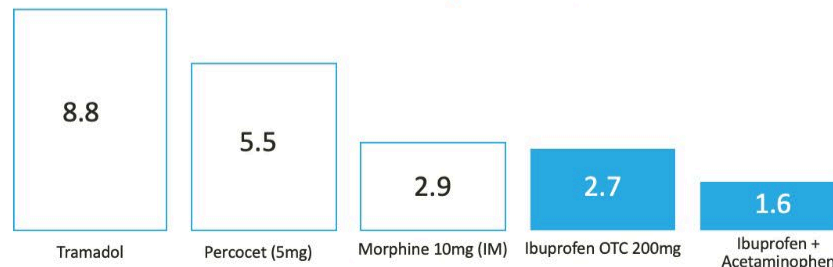


## Pain medication: what is the “good stuff?”

“... in the majority of situations in which opioid painkillers are used today, they are not appropriate”

Don Teater, MD, National Safety Council

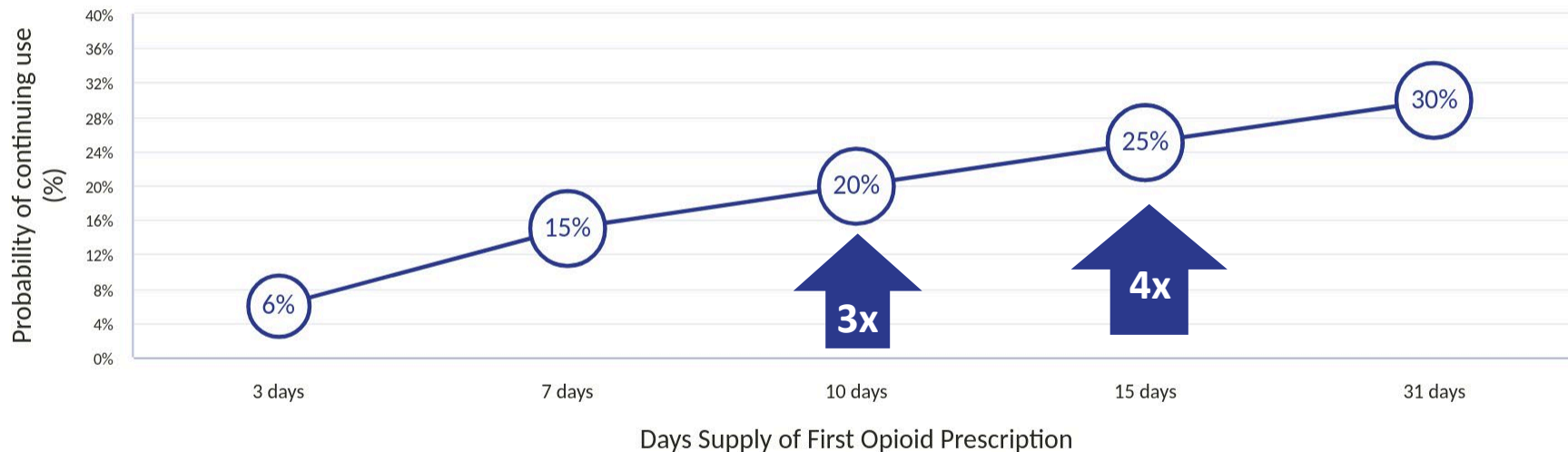
Number of people needed to treat for **ONE** patient to get 50% pain relief



(Bandolier, 2007) and (CJ Derry, Derry, & Moore, 2013)

# Opioid Prescribing Impacts Addiction Risk

*"The probability of long-term opioid use increases **most sharply in the first days of therapy, particularly after 5 days..**"*



**"When initiating opioids, caution should be exercised when prescribing >1 week of opioids or when authorizing a refill or a second opioid prescription because these actions approximately double the chances of use 1 year later"**



# Key Aspects of Enhanced Recovery



## Prehabilitation

Patient education and nutritional preparation are critical to an optimal surgery and recovery experience.



## Multimodal pain management

Use of several pain medications in the body better controls patient pain before, during, and after surgery.

- "TLC" (Tylenol + Lyrica + Celebrex)
- Scheduled Pain Management
- Oxycodone PRN

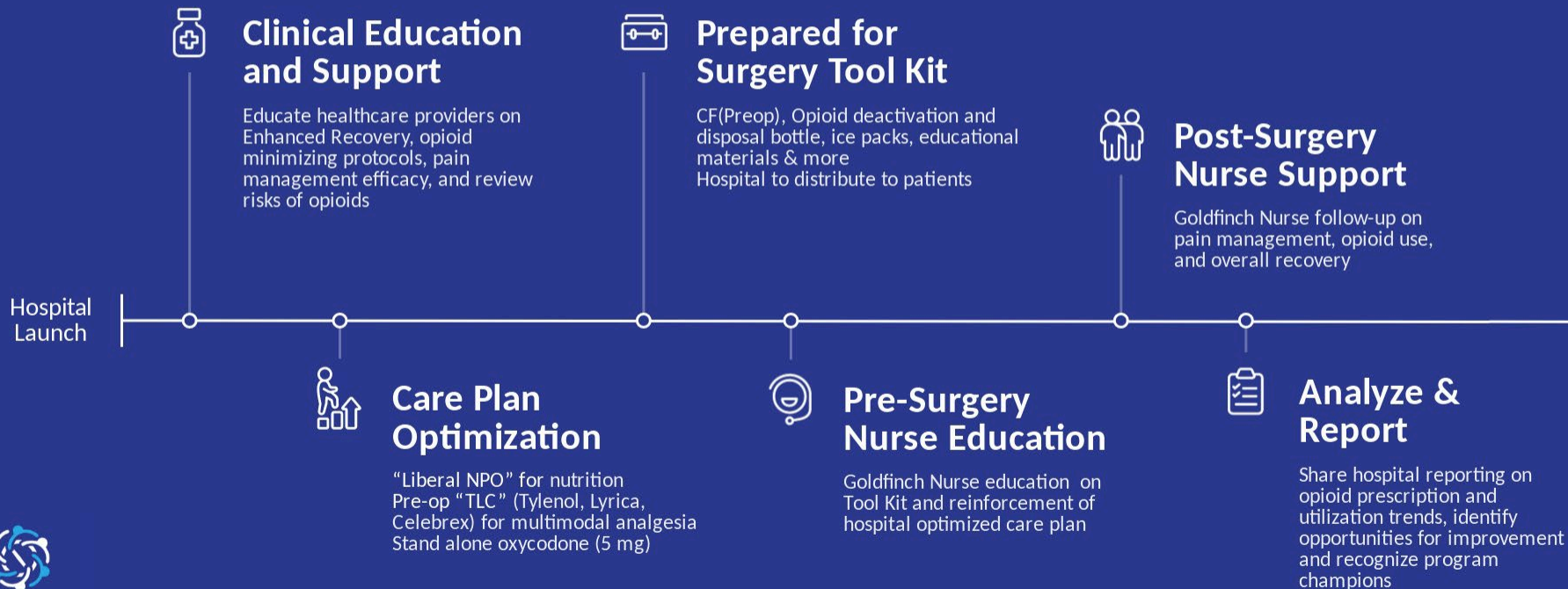


## Post-surgery support

Expert nurse navigation in the stressful post-surgery period drives patient adherence to care plan, enhances satisfaction, improves recovery time, and prevents unnecessary and expensive ER visits.

# The Billion Pill Pledge Program in Practice

*Expanding access to **opioid-minimizing** Enhanced Surgical Pathways for the benefit of our patients and our communities*



**BILLION  
PILL PLEDGE**

**GOLDFINCH** HEALTH **BILLION** HEALTH


The days before and after surgery are important. Please know that you are not alone. We are here to support you every step of the way. This **Prepared for Surgery Tool Kit** is designed with patients like you in mind!

Here's what you'll find in this booklet:

- Details about each Tool Kit item
- Checklists for before and after surgery

**Extra Help from Goldfinch**  
This Tool Kit is just one part of the Goldfinch Nurse Navigator program. We want you to feel ready and confident. We want you to feel supported every step of the way.

**Our Promise to You**  
We want you to feel ready and confident. We want you to feel supported every step of the way.

*Kate*  **Kate Emersley**  
Goldfinch Health



**Pain Medication Tracking**

DATE	12am-3am	3am-6am	6am-9am	9am-12pm	12pm-3pm	3pm-6pm	6pm-9pm	9pm-12am
12/1/2020								
12/2/2020								
12/3/2020								
12/4/2020								
12/5/2020								
12/6/2020								
12/7/2020								
12/8/2020								
12/9/2020								
12/10/2020								

**Notes:**  
 1. ☐ 1-2 tablets  
 2. ☐ 3-4 tablets  
 3. ☐ 5-6 tablets  
 4. ☐ 7-8 tablets  
 5. ☐ 9-10 tablets  
 6. ☐ 11-12 tablets  
 7. ☐ 13-14 tablets  
 8. ☐ 15-16 tablets  
 9. ☐ 17-18 tablets  
 10. ☐ 19-20 tablets  
 11. ☐ 21-22 tablets  
 12. ☐ 23-24 tablets  
 13. ☐ 25-26 tablets  
 14. ☐ 27-28 tablets  
 15. ☐ 29-30 tablets  
 16. ☐ 31-32 tablets  
 17. ☐ 33-34 tablets  
 18. ☐ 35-36 tablets  
 19. ☐ 37-38 tablets  
 20. ☐ 39-40 tablets  
 21. ☐ 41-42 tablets  
 22. ☐ 43-44 tablets  
 23. ☐ 45-46 tablets  
 24. ☐ 47-48 tablets  
 25. ☐ 49-50 tablets  
 26. ☐ 51-52 tablets  
 27. ☐ 53-54 tablets  
 28. ☐ 55-56 tablets  
 29. ☐ 57-58 tablets  
 30. ☐ 59-60 tablets  
 31. ☐ 61-62 tablets  
 32. ☐ 63-64 tablets  
 33. ☐ 65-66 tablets  
 34. ☐ 67-68 tablets  
 35. ☐ 69-70 tablets  
 36. ☐ 71-72 tablets  
 37. ☐ 73-74 tablets  
 38. ☐ 75-76 tablets  
 39. ☐ 77-78 tablets  
 40. ☐ 79-80 tablets  
 41. ☐ 81-82 tablets  
 42. ☐ 83-84 tablets  
 43. ☐ 85-86 tablets  
 44. ☐ 87-88 tablets  
 45. ☐ 89-90 tablets  
 46. ☐ 91-92 tablets  
 47. ☐ 93-94 tablets  
 48. ☐ 95-96 tablets  
 49. ☐ 97-98 tablets  
 50. ☐ 99-100 tablets  
 51. ☐ 101-102 tablets  
 52. ☐ 103-104 tablets  
 53. ☐ 105-106 tablets  
 54. ☐ 107-108 tablets  
 55. ☐ 109-110 tablets  
 56. ☐ 111-112 tablets  
 57. ☐ 113-114 tablets  
 58. ☐ 115-116 tablets  
 59. ☐ 117-118 tablets  
 60. ☐ 119-120 tablets  
 61. ☐ 121-122 tablets  
 62. ☐ 123-124 tablets  
 63. ☐ 125-126 tablets  
 64. ☐ 127-128 tablets  
 65. ☐ 129-130 tablets  
 66. ☐ 131-132 tablets  
 67. ☐ 133-134 tablets  
 68. ☐ 135-136 tablets  
 69. ☐ 137-138 tablets  
 70. ☐ 139-140 tablets  
 71. ☐ 141-142 tablets  
 72. ☐ 143-144 tablets  
 73. ☐ 145-146 tablets  
 74. ☐ 147-148 tablets  
 75. ☐ 149-150 tablets  
 76. ☐ 151-152 tablets  
 77. ☐ 153-154 tablets  
 78. ☐ 155-156 tablets  
 79. ☐ 157-158 tablets  
 80. ☐ 159-160 tablets  
 81. ☐ 161-162 tablets  
 82. ☐ 163-164 tablets  
 83. ☐ 165-166 tablets  
 84. ☐ 167-168 tablets  
 85. ☐ 169-170 tablets  
 86. ☐ 171-172 tablets  
 87. ☐ 173-174 tablets  
 88. ☐ 175-176 tablets  
 89. ☐ 177-178 tablets  
 90. ☐ 179-180 tablets  
 91. ☐ 181-182 tablets  
 92. ☐ 183-184 tablets  
 93. ☐ 185-186 tablets  
 94. ☐ 187-188 tablets  
 95. ☐ 189-190 tablets  
 96. ☐ 191-192 tablets  
 97. ☐ 193-194 tablets  
 98. ☐ 195-196 tablets  
 99. ☐ 197-198 tablets  
 100. ☐ 199-200 tablets  
 101. ☐ 201-202 tablets  
 102. ☐ 203-204 tablets  
 103. ☐ 205-206 tablets  
 104. ☐ 207-208 tablets  
 105. ☐ 209-210 tablets  
 106. ☐ 211-212 tablets  
 107. ☐ 213-214 tablets  
 108. ☐ 215-216 tablets  
 109. ☐ 217-218 tablets  
 110. ☐ 219-220 tablets  
 111. ☐ 221-222 tablets  
 112. ☐ 223-224 tablets  
 113. ☐ 225-226 tablets  
 114. ☐ 227-228 tablets  
 115. ☐ 229-230 tablets  
 116. ☐ 231-232 tablets  
 117. ☐ 233-234 tablets  
 118. ☐ 235-236 tablets  
 119. ☐ 237-238 tablets  
 120. ☐ 239-240 tablets  
 121. ☐ 241-242 tablets  
 122. ☐ 243-244 tablets  
 123. ☐ 245-246 tablets  
 124. ☐ 247-248 tablets  
 125. ☐ 249-250 tablets  
 126. ☐ 251-252 tablets  
 127. ☐ 253-254 tablets  
 128. ☐ 255-256 tablets  
 129. ☐ 257-258 tablets  
 130. ☐ 259-260 tablets  
 131. ☐ 261-262 tablets  
 132. ☐ 263-264 tablets  
 133. ☐ 265-266 tablets  
 134. ☐ 267-268 tablets  
 135. ☐ 269-270 tablets  
 136. ☐ 271-272 tablets  
 137. ☐ 273-274 tablets  
 138. ☐ 275-276 tablets  
 139. ☐ 277-278 tablets  
 140. ☐ 279-280 tablets  
 141. ☐ 281-282 tablets  
 142. ☐ 283-284 tablets  
 143. ☐ 285-286 tablets  
 144. ☐ 287-288 tablets  
 145. ☐ 289-290 tablets  
 146. ☐ 291-292 tablets  
 147. ☐ 293-294 tablets  
 148. ☐ 295-296 tablets  
 149. ☐ 297-298 tablets  
 150. ☐ 299-300 tablets  
 151. ☐ 301-302 tablets  
 152. ☐ 303-304 tablets  
 153. ☐ 305-306 tablets  
 154. ☐ 307-308 tablets  
 155. ☐ 309-310 tablets  
 156. ☐ 311-312 tablets  
 157. ☐ 313-314 tablets  
 158. ☐ 315-316 tablets  
 159. ☐ 317-318 tablets  
 160. ☐ 319-320 tablets  
 161. ☐ 321-322 tablets  
 162. ☐ 323-324 tablets  
 163. ☐ 325-326 tablets  
 164. ☐ 327-328 tablets  
 165. ☐ 329-330 tablets  
 166. ☐ 331-332 tablets  
 167. ☐ 333-334 tablets  
 168. ☐ 335-336 tablets  
 169. ☐ 337-338 tablets  
 170. ☐ 339-340 tablets  
 171. ☐ 341-342 tablets  
 172. ☐ 343-344 tablets  
 173. ☐ 345-346 tablets  
 174. ☐ 347-348 tablets  
 175. ☐ 349-350 tablets  
 176. ☐ 351-352 tablets  
 177. ☐ 353-354 tablets  
 178. ☐ 355-356 tablets  
 179. ☐ 357-358 tablets  
 180. ☐ 359-360 tablets  
 181. ☐ 361-362 tablets  
 182. ☐ 363-364 tablets  
 183. ☐ 365-366 tablets  
 184. ☐ 367-368 tablets  
 185. ☐ 369-370 tablets  
 186. ☐ 371-372 tablets  
 187. ☐ 373-374 tablets  
 188. ☐ 375-376 tablets  
 189. ☐ 377-378 tablets  
 190. ☐ 379-380 tablets  
 191. ☐ 381-382 tablets  
 192. ☐ 383-384 tablets  
 193. ☐ 385-386 tablets  
 194. ☐ 387-388 tablets  
 195. ☐ 389-390 tablets  
 196. ☐ 391-392 tablets  
 197. ☐ 393-394 tablets  
 198. ☐ 395-396 tablets  
 199. ☐ 397-398 tablets  
 200. ☐ 399-400 tablets  
 201. ☐ 401-402 tablets  
 202. ☐ 403-404 tablets  
 203. ☐ 405-406 tablets  
 204. ☐ 407-408 tablets  
 205. ☐ 409-410 tablets  
 206. ☐ 411-412 tablets  
 207. ☐ 413-414 tablets  
 208. ☐ 415-416 tablets  
 209. ☐ 417-418 tablets  
 210. ☐ 419-420 tablets  
 211. ☐ 421-422 tablets  
 212. ☐ 423-424 tablets  
 213. ☐ 425-426 tablets  
 214. ☐ 427-428 tablets  
 215. ☐ 429-430 tablets  
 216. ☐ 431-432 tablets  
 217. ☐ 433-434 tablets  
 218. ☐ 435-436 tablets  
 219. ☐ 437-438 tablets  
 220. ☐ 439-440 tablets  
 221. ☐ 441-442 tablets  
 222. ☐ 443-444 tablets  
 223. ☐ 445-446 tablets  
 224. ☐ 447-448 tablets  
 225. ☐ 449-450 tablets  
 226. ☐ 451-452 tablets  
 227. ☐ 453-454 tablets  
 228. ☐ 455-456 tablets  
 229. ☐ 457-458 tablets  
 230. ☐ 459-460 tablets  
 231. ☐ 461-462 tablets  
 232. ☐ 463-464 tablets  
 233. ☐ 465-466 tablets  
 234. ☐ 467-468 tablets  
 235. ☐ 469-470 tablets  
 236. ☐ 471-472 tablets  
 237. ☐ 473-474 tablets  
 238. ☐ 475-476 tablets  
 239. ☐ 477-478 tablets  
 240. ☐ 479-480 tablets  
 241. ☐ 481-482 tablets  
 242. ☐ 483-484 tablets  
 243. ☐ 485-486 tablets  
 244. ☐ 487-488 tablets  
 245. ☐ 489-490 tablets  
 246. ☐ 491-492 tablets  
 247. ☐ 493-494 tablets  
 248. ☐ 495-496 tablets  
 249. ☐ 497-498 tablets  
 250. ☐ 499-500 tablets  
 251. ☐ 501-502 tablets  
 252. ☐ 503-504 tablets  
 253. ☐ 505-506 tablets  
 254. ☐ 507-508 tablets  
 255. ☐ 509-510 tablets  
 256. ☐ 511-512 tablets  
 257. ☐ 513-514 tablets  
 258. ☐ 515-516 tablets  
 259. ☐ 517-518 tablets  
 260. ☐ 519-520 tablets  
 261. ☐ 521-522 tablets  
 262. ☐ 523-524 tablets  
 263. ☐ 525-526 tablets  
 264. ☐ 527-528 tablets  
 265. ☐ 529-530 tablets  
 266. ☐ 531-532 tablets  
 267. ☐ 533-534 tablets  
 268. ☐ 535-536 tablets  
 269. ☐ 537-538 tablets  
 270. ☐ 539-540 tablets  
 271. ☐ 541-542 tablets  
 272. ☐ 543-544 tablets  
 273. ☐ 545-546 tablets  
 274. ☐ 547-548 tablets  
 275. ☐ 549-550 tablets  
 276. ☐ 551-552 tablets  
 277. ☐ 553-554 tablets  
 278. ☐ 555-556 tablets  
 279. ☐ 557-558 tablets  
 280. ☐ 559-560 tablets  
 281. ☐ 561-562 tablets  
 282. ☐ 563-564 tablets  
 283. ☐ 565-566 tablets  
 284. ☐ 567-568 tablets  
 285. ☐ 569-570 tablets  
 286. ☐ 571-572 tablets  
 287. ☐ 573-574 tablets  
 288. ☐ 575-576 tablets  
 289. ☐ 577-578 tablets  
 290. ☐ 579-580 tablets  
 291. ☐ 581-582 tablets  
 292. ☐ 583-584 tablets  
 293. ☐ 585-586 tablets  
 294. ☐ 587-588 tablets  
 295. ☐ 589-590 tablets  
 296. ☐ 591-592 tablets  
 297. ☐ 593-594 tablets  
 298. ☐ 595-596 tablets  
 299. ☐ 597-598 tablets  
 300. ☐ 599-600 tablets  
 301. ☐ 601-602 tablets  
 302. ☐ 603-604 tablets  
 303. ☐ 605-606 tablets  
 304. ☐ 607-608 tablets  
 305. ☐ 609-610 tablets  
 306. ☐ 611-612 tablets  
 307. ☐ 613-614 tablets  
 308. ☐ 615-616 tablets  
 309. ☐ 617-618 tablets  
 310. ☐ 619-620 tablets  
 311. ☐ 621-622 tablets  
 312. ☐ 623-624 tablets  
 313. ☐ 625-626 tablets  
 314. ☐ 627-628 tablets  
 315. ☐ 629-630 tablets  
 316. ☐ 631-632 tablets  
 317. ☐ 633-634 tablets  
 318. ☐ 635-636 tablets  
 319. ☐ 637-638 tablets  
 320. ☐ 639-640 tablets  
 321. ☐ 641-642 tablets  
 322. ☐ 643-644 tablets  
 323. ☐ 645-646 tablets  
 324. ☐ 647-648 tablets  
 325. ☐ 649-650 tablets  
 326. ☐ 651-652 tablets  
 327. ☐ 653-654 tablets  
 328. ☐ 655-656 tablets  
 329. ☐ 657-658 tablets  
 330. ☐ 659-660 tablets  
 331. ☐ 661-662 tablets  
 332. ☐ 663-664 tablets  
 333. ☐ 665-666 tablets  
 334. ☐ 667-668 tablets  
 335. ☐ 669-670 tablets  
 336. ☐ 671-672 tablets  
 337. ☐ 673-674 tablets  
 338. ☐ 675-676 tablets  
 339. ☐ 677-678 tablets  
 340. ☐ 679-680 tablets  
 341. ☐ 681-682 tablets  
 342. ☐ 683-684 tablets  
 343. ☐ 685-686 tablets  
 344. ☐ 687-688 tablets  
 345. ☐ 689-690 tablets  
 346. ☐ 691-692 tablets  
 347. ☐ 693-694 tablets  
 348. ☐ 695-696 tablets  
 349. ☐ 697-698 tablets  
 350. ☐ 699-700 tablets  
 351. ☐ 701-702 tablets  
 352. ☐ 703-704 tablets  
 353. ☐ 705-706 tablets  
 354. ☐ 707-708 tablets  
 355. ☐ 709-710 tablets  
 356. ☐ 711-712 tablets  
 357. ☐ 713-714 tablets  
 358. ☐ 715-716 tablets  
 359. ☐ 717-718 tablets  
 360. ☐ 719-720 tablets  
 361. ☐ 721-722 tablets  
 362. ☐ 723-724 tablets  
 363. ☐ 725-726 tablets  
 364. ☐ 727-728 tablets  
 365. ☐ 729-730 tablets  
 366. ☐ 731-732 tablets  
 367. ☐ 733-734 tablets  
 368. ☐ 735-736 tablets  
 369. ☐ 737-738 tablets  
 370. ☐ 739-740 tablets  
 371. ☐ 741-742 tablets  
 372. ☐ 743-744 tablets  
 373. ☐ 745-746 tablets  
 374. ☐ 747-748 tablets  
 375. ☐ 749-750 tablets  
 376. ☐ 751-752 tablets  
 377. ☐ 753-754 tablets  
 378. ☐ 755-756 tablets  
 379. ☐ 757-758 tablets  
 380. ☐ 759-760 tablets  
 381. ☐ 761-762 tablets  
 382. ☐ 763-764 tablets  
 383. ☐ 765-766 tablets  
 384. ☐ 767-768 tablets  
 385. ☐ 769-770 tablets  
 386. ☐ 771-772 tablets  
 387. ☐ 773-774 tablets  
 388. ☐ 775-776 tablets  
 389. ☐ 777-778 tablets  
 390. ☐ 779-780 tablets  
 391. ☐ 781-782 tablets  
 392. ☐ 783-784 tablets  
 393. ☐ 785-786 tablets  
 394. ☐ 787-788 tablets  
 395. ☐ 789-790 tablets  
 396. ☐ 791-792 tablets  
 397. ☐ 793-794 tablets  
 398. ☐ 795-796 tablets  
 399. ☐ 797-798 tablets  
 400. ☐ 799-800 tablets  
 401. ☐ 801-802 tablets  
 402. ☐ 803-804 tablets  
 403. ☐ 805-806 tablets  
 404. ☐ 807-808 tablets  
 405. ☐ 809-810 tablets  
 406. ☐ 811-812 tablets  
 407. ☐ 813-814 tablets  
 408. ☐ 815-816 tablets  
 409. ☐ 817-818 tablets  
 410. ☐ 819-820 tablets  
 411. ☐ 821-822 tablets  
 412. ☐ 823-824 tablets  
 413. ☐ 825-826 tablets  
 414. ☐ 827-828 tablets  
 415. ☐ 829-830 tablets  
 416. ☐ 831-832 tablets  
 417. ☐ 833-834 tablets  
 418. ☐ 835-836 tablets  
 419. ☐ 837-838 tablets  
 420. ☐ 839-840 tablets  
 421. ☐ 841-842 tablets  
 422. ☐ 843-844 tablets  
 423. ☐ 845-846 tablets  
 424. ☐ 847-848 tablets  
 425. ☐ 849-850 tablets  
 426. ☐ 851-852 tablets  
 427. ☐ 853-854 tablets  
 428. ☐ 855-856 tablets  
 429. ☐ 857-858 tablets  
 430. ☐ 859-860 tablets  
 431. ☐ 861-862 tablets  
 432. ☐ 863-864 tablets  
 433. ☐ 865-866 tablets  
 434. ☐ 867-868 tablets  
 435. ☐ 869-870 tablets  
 436. ☐ 871-872 tablets  
 437. ☐ 873-874 tablets  
 438. ☐ 875-876 tablets  
 439. ☐ 877-878 tablets  
 440. ☐ 879-880 tablets  
 441. ☐ 881-882 tablets  
 442. ☐ 883-884 tablets  
 443. ☐ 885-886 tablets  
 444. ☐ 887-888 tablets  
 445. ☐ 889-890 tablets  
 446. ☐ 891-892 tablets  
 447. ☐ 893-894 tablets  
 448. ☐ 895-896 tablets  
 449. ☐ 897-898 tablets  
 450. ☐ 899-900 tablets  
 451. ☐ 901-902 tablets  
 452. ☐ 903-904 tablets  
 453. ☐ 905-906 tablets  
 454. ☐ 907-908 tablets  
 455. ☐ 909-910 tablets  
 456. ☐ 911-912 tablets  
 457. ☐ 913-914 tablets  
 458. ☐ 915-916 tablets  
 459. ☐ 917-918 tablets  
 460. ☐ 919-920 tablets  
 4





# Billion Pill Pledge Results

*Opioid settlement-funded, Billion Pill Pledge includes participating rural and community hospitals*

Average Opioid Prescription  
Reduction

60%

BPP AVG: 16.9

Opioid Refill Rate Reduction

92%

Benchmark 27 pills for  
patients experiencing  
pain

Post Surgery ER Visit

Fewer  
than 2%

7% benchmark

# The Billion Pill Pledge (BPP) Program

is proven & peer-reviewed

## Research Article

### Application and Analysis of the Enhanced Recovery After Surgery Opioid Prescription Protocol in Arthroscopy and Arthroplasty Patients

Wali U. Pirzada, BS  
Simran Shamith, BS  
Thalia Le, BS  
Terence L. Thomas, MD  
Sina Ramtin, MD  
Asif M. Ilyas, MD, MBA

#### ABSTRACT

**Introduction:** Surgery and postoperative opioid prescriptions are critical periods for potential drug dependence and diversion. Enhanced recovery after surgery (ERAS) pathways aim to improve patient outcomes by leveraging preoperative education, emphasizing

**April 2025: The Journal of the American Academy of Orthopaedic Surgeons (JAAOS)**

**Billion Pill Pledge white paper authored in collaboration with Rothman with Rothman Orthopaedic Institute & Drexel University Med**

**Key findings:** 30-50% decrease in opioids prescribed

**BPP:** 3,000+ patients supported in TN, SC, NE, AL & IA

# Sustainably lowering healthcare costs through opioid first dose prevention

Reducing long-term opioid use following surgery significantly reduces healthcare costs for Florida

	# in Florida/year	# with 1+ opioid refills (~25% with status quo)	Increased 90-day post-surgery costs (1+ opioid refills)	Why?	Savings from reducing opioid refills from 25% to <2%
<b>Cholecystectomy (gallbladder removal)</b>	50k	6k	\$6,645	334% higher ER & readmission costs	\$ 38.8m
<b>Colectomy (gastrointestinal)</b>	9k	2k	\$12,268	233% higher ER & readmission costs	\$ 18.9m
<b>Hernia repair (inguinal)</b>	10k	1k	\$6,918	301% higher ER & readmission costs	\$ 5.3m
<b>Hysterectomy (women's health)</b>	41k	5k	\$6,431	303% higher ER & readmission costs	\$ 28.9m
<b>Joint replacements &amp; back procedures</b>	75k	34k	\$4,892	184% higher ER & readmission costs	\$ 151.1m
<b>All other surgeries</b>	1.2m	295k	\$5,645		\$ 1.5b
<b>Total</b>	<b>1.4m</b>	<b>350k</b>			<b>\$ 1.8b</b>

*Based on actuarial model derived from review of 5 million-member medical & pharmacy claims database*





# Contact Info

John Greenwood, COO  
319.331.0049  
[john.greenwood@goldfinchhealth.com](mailto:john.greenwood@goldfinchhealth.com)

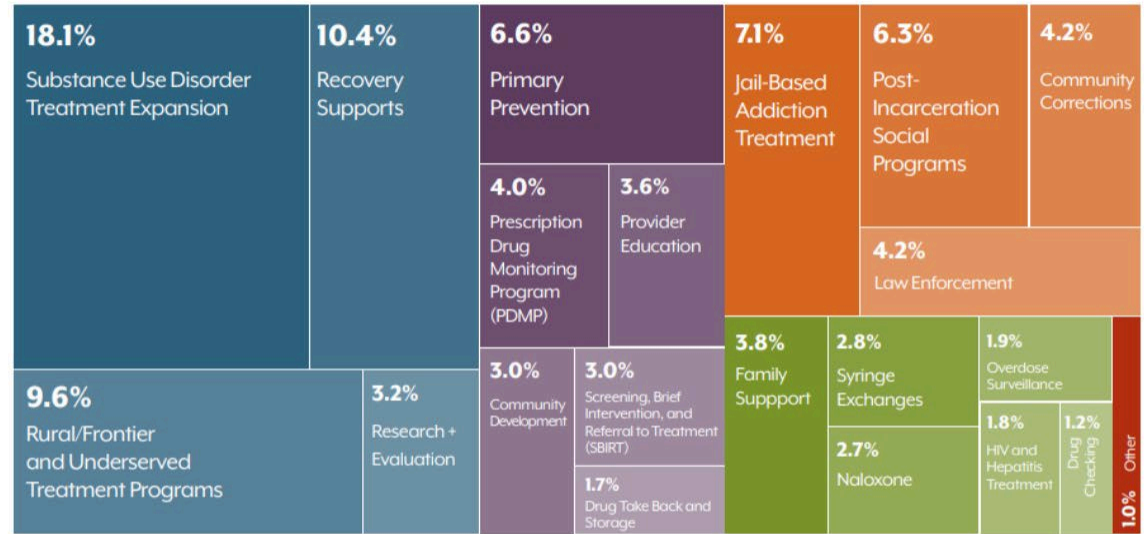
[www.billionpillpledge.com](http://www.billionpillpledge.com)



# Colorado Recommended Approach to Addressing the Opioid Crisis

Respondents represented four general groups: Health and Public Health, Intervention and Recovery, Local and State Government, and Law Enforcement

**Figure 1: Aggregate Survey Results**



- Treatment and Recovery (41.3 percent)
- Prevention (21.8 percent)
- Criminal Justice (21.7 percent)
- Harm Reduction (14.2 percent)
- Other (1.0 percent)

- Treatment and Recovery (41.3 percent)
- Prevention (21.8 percent)
- Criminal Justice (21.7 percent)
- Harm Reduction (14.2 percent)
- Other (1.0 percent)