

Falling Through the Regulatory and Pricing Gaps: What to do about Compounded Drugs, Medical Foods, UCSF and Convenience Packaged Products



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Background

Problem: Categories of pharmaceutical products, such as compounded drugs (CDs), medical foods (MFs), and convenience packages (co-packs) are increasingly prescribed at high prices because they are not covered by current fee schedules or regulated by the FDA. The use of these products within California Workers' Compensation System (CA WCS) increased from 6.3% to 12% over 3 years after a 2007 regulation closed this same loop-hole for repackaged drugs. This increased use resulted in \$58 million in new billings in 16 months.

The rapid growth in use and high prices for these products is a growing problem for other US State Workers' Compensation Systems and also for healthcare systems in Europe and developing countries.

Solution: California Assembly Bill #378 Effective Jan, 2012

In 2011, California lawmakers enacted Assembly Bill 378 (AB #378), which came into effect January 1, 2012. The legislative intent of this statute was to control the increase in physiciandispensed prescriptions for compounded drugs, medical foods, and convenience packages in CAWCS.

- CD must be billed at the ingredient level
- Prohibited separate reimbursement for ingredients with no NDC.
- Reimbursement for CD ingredients are capped at a maximum of 100% Medi-Cal rates
- CDs, MFs, and co-packs are now also prohibited from self-referral
- The maximum reimbursement for a CD dispensed by a physician = 300% of the physician office's Documented Paid Cost (DPC), but <\$20 above DPC

Methodology

Data: All drug prescription claims from the CA WCS from 2011 to 2013 Independent Variable: California Assembly Bill #378 effective Jan 1, 2012

Dependent Variables: Prescription frequency, billed, and paid amounts for MF, CD and Co-packs

Study design: Pre-post comparison evaluated by two-tailed T-test

Objective

To evaluate if state-level pricing schemes/ regulations reduce utilization, billed, and paid amounts of pharmaceutical products that fall through regulatory and pricing gaps, using CA WCS as an example.

Medical Foods

Foods that are specially formulated and intended for the dietary management of a disease that has distinctive nutritional needs that cannot be met by normal diet. MFs are not approved by FDA, do not require a prescription, and are not on most Fee Schedules.

Convenience Packs

A combination of a generic drug and a medical food, which are manufactured separately, then packaged together and dispensed as a single unit for convenience.

Compounded Drugs

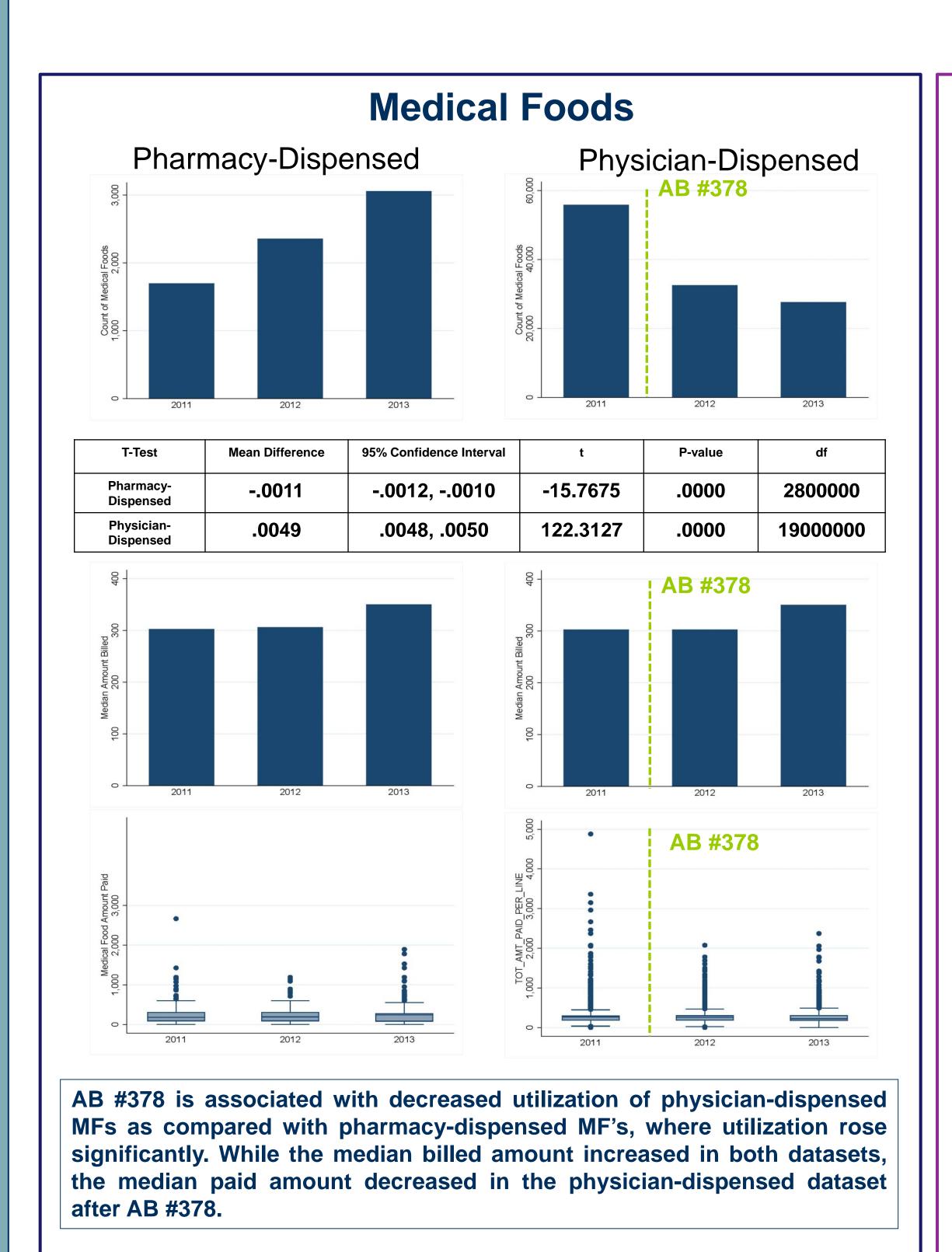
Workers' Compensation System (WCS)

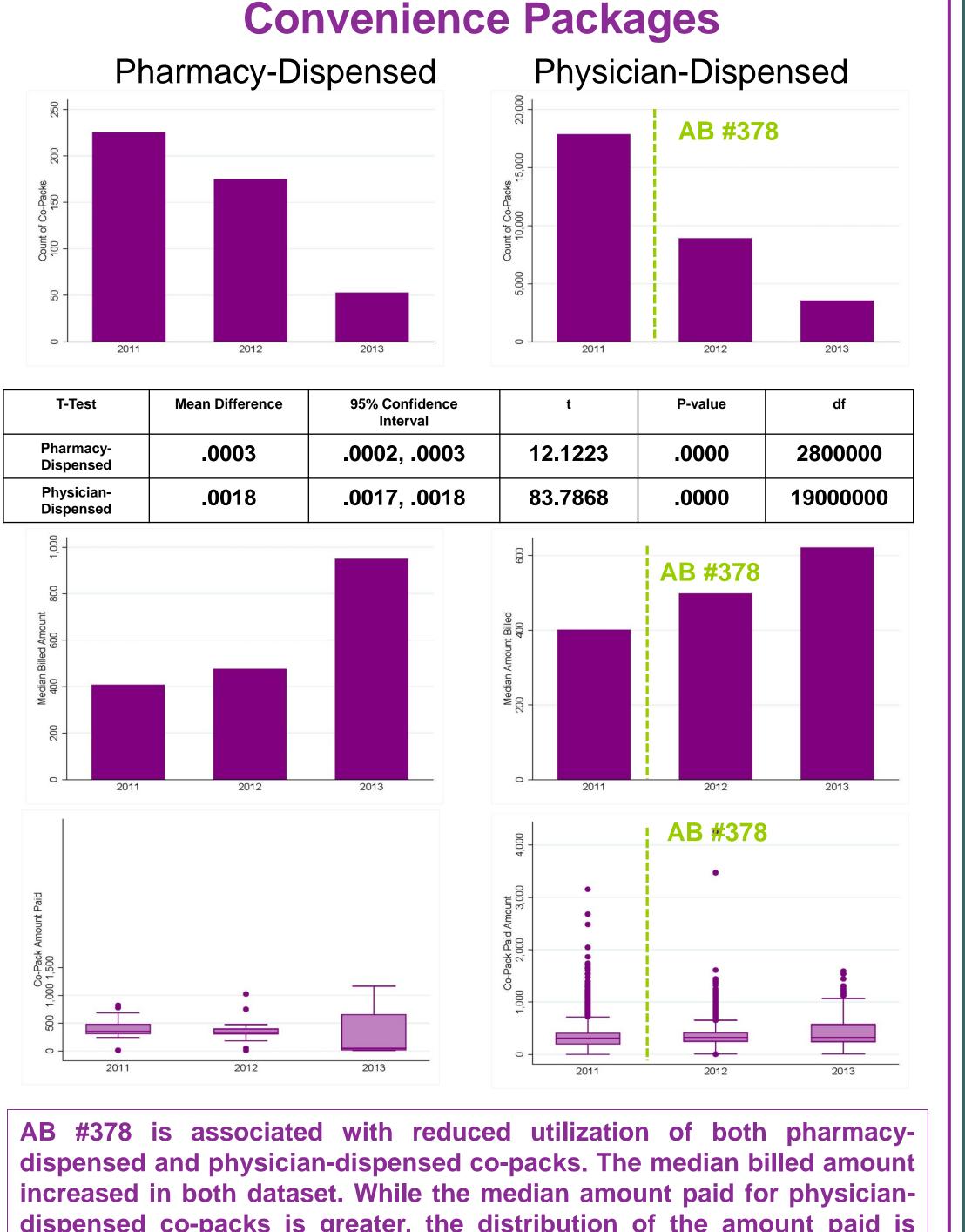
Health insurance scheme which provides wage replacement and

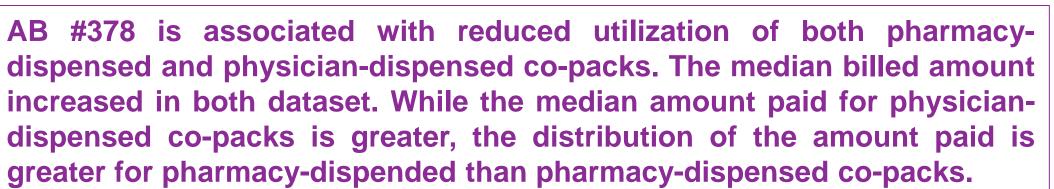
medical benefits to employees injured in the course of employment

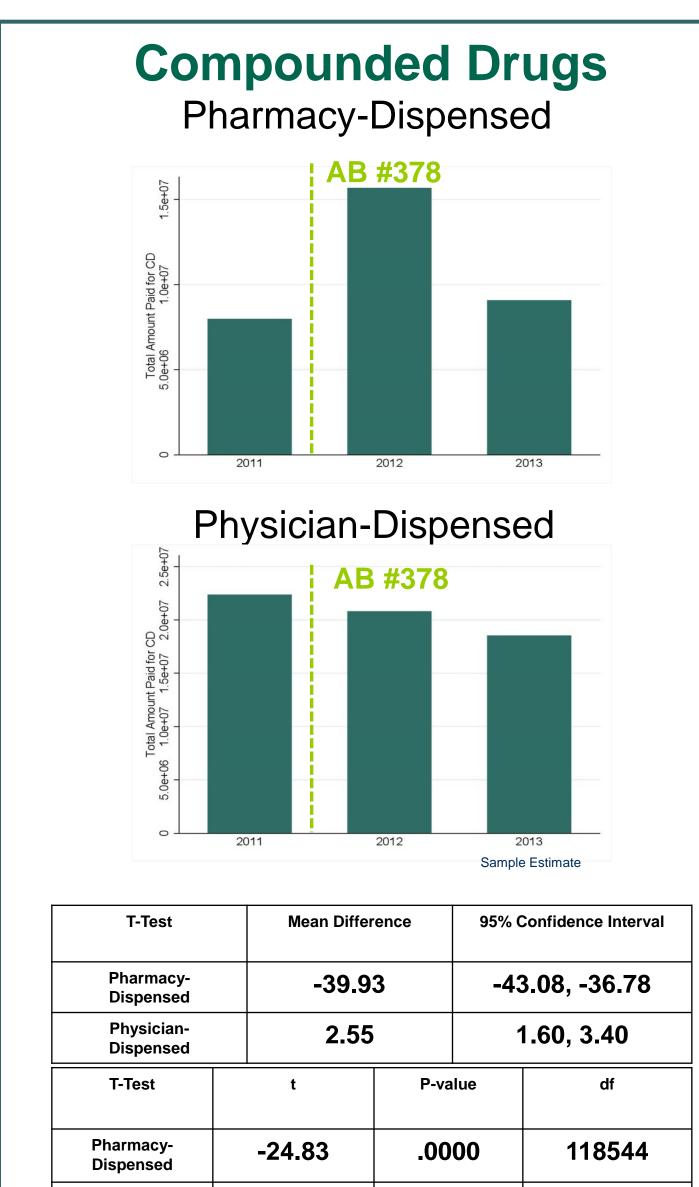
Medications that are produced by combining and tailoring of ingredients to meet individual patient's special medical needs. CDs are regulated by state pharmacy boards if in small quantities.

Results









AB #378 is associated with a reduction in total cost of physician-dispensed CDs in the CA WCS. In constrast, AB #378 is associated with increased total cost of pharmacy-dispensed CDs.

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739453

5.29

Physician-

Conclusions

- •Regulations (e.g. AB #378) can reduce utilization of pharmaceutical products that fall outside the normal FDA regulated drug categories. In CA WCS, AB #378 implementation is associated with: 43% reduction of **MF** utilization the first year and 18% reduction of **co-pack** utilization the first year and 63% reduction the second year, and \$2.55 reduction per CD ingredient.
- •Pricing regulations can reduce pricing differentials and allow health systems to effectively allocate their resources.
- •It is crucial to implement comprehensive regulations to control both physician-dispensed and pharmacy-dispensed prescriptions. Patterns indicate that dispensing pharmacies, not regulated by AB #378, experienced a flux of prescriptions that are regulated in dispensing physician practices.