# Ethical questions arising from the evolution of prescriber targeting in pharmaceutical sales

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**Data:** industry marketing information in public domain, academic literature, auto-ethnographic data **Methods:** Policy analysis, Case study: RX opioid marketing

Compliance & ethics training in pharma? No data. No national standards. Voluntary industry code: PhRMA Code on Interaction with Healthcare Professionals 2002/2009

**Corporate integrity agreements** –post-litigation- reactive vs. proactive response to illegal marketing

#### How has prescriber targeting evolved?

License/ purchase data: prescriber RXs, managed care, sales

IQVIA + database/CRM companies (Veeva, MMS...)

- AMA Physician Masterfile data
- DEA license information
- Proprietary market research, ex: DRG/ Fingertip Formulary

#### Territory Design in Sales Operations: Big Data Approach

"tactical territory alignments" - sales force optimization manager toolkits w/ real-time modelling  $\rightarrow$  integrated w/CRM software: call reports, objectives, customer profiling

#### Policy levers increasingly used to counter managed care barriers:

Opioid industry ex: Abuse-Deterrent Formulations (ADF) ~100 bills in 35 state legislatures, 2015-16

#### **Addiction Medicine**:

Ethics? Industry targets *non-prescribing* stakeholders: public officials, drug court judges, law enforcement, counselors

- Enacted state laws w/ formulary mandates (i.e. buprenorphine formulations)
- Jail re-entry & drug courts- example: injectable naltrexone >700+ state & local programs 2018

Public policy account managers \*instead\* of sales reps (naloxone nasal spray marketing by Emergent BioSolutions)

**Third-Party Advocacy-** Role of PAO's Patient Advocacy Org's- limited data

# **Public policy interventions have** been slow to respond to sophisticated pharma marketing

Changing industry tactics: Public policy levers Top-down system sales calls Multi-channel marketing Increase in sophisticated technology



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Advanced data analytics Artificial Intelligence (AI) Deep prescriber profiles E-detailing





**Continuing Medical Education** Prescribing guidelines Patient Advocacy Org's Public policy-legislation & regulations Managed Care - access

## Pain & Addiction medicine vulnerabilities:

Newer medical specialties/ insufficient capacity to meet need Primary care providers fill gaps in access to specialists Patients highly stigmatized Pharmacotherapy may include opioids/ physical dependence High co-morbidity: patients w/pain + addiction – ~50% ? Public policy very influential

#### Similar industry sales efforts:

1) reps = consultative approach: "teach" 2) Goals to 1 access AND 1 # of providers 3) strong public sector /gov't affairs focus

#### **Public Health Policy Interventions: Increase Transparency /Disclosure: "sunlight" factor**

Improve access to "proprietary" industry marketing Document Archives, example: USCF opioid industry documents)

### Marketing restrictions & public health law

#### **Clinicians/ Prescribers/ Pharmacists**

#### Sales Representatives



#### **Conflicts of Interest influences on:**

FDA /OPDP could create a **new online database** of pharma RX marketing pieces- to crowd-source scrutiny by researchers, patient advocates, journalists Expand Open Payments data- add payments to 3<sup>rd</sup> parties, e.g. Patient Advocacy Organizations

**Bans:** payments to HCPs/ Gifts/ Sampling/ Coupons, Savings Cards

Data mining by industry- how to regulate? Challenge = court precedents- free speech- Supreme Court 2011 decision in Vermont, Sorrell vs. IMS Health

Require Conflict of Interest policies Restrict industry access, i.e. "No see" policies Education on industry interactions & ethics

Professional Licensing / Registries (now in Oregon, Nevada, Wash. D.C. & Chicago) • Ethics codes Independent Continuing Education

Compensation changes? Attempt to change

compensation tied to sales targets haven't stuck: Glaxo backtracked on reforms "to be competitive"

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