



# backbone

By **PEPID**

Knowledgebase

# SOLUTION BUNDLES

Backbone by PEPID brings all of our Knowledgebase drug data together to create action-oriented monographs. Concise bullet point content delivers everything from dosing algorithms to pregnancy/lactation restrictions to provide clinicians with all the information they need when making treatment decisions.



**25+**

Years  
Experience



**159**

Countries



**1,000+**

Institutions



**30+**

Strategic and  
Editorial Partners

**TRYBACKBONE.COM | 1.888.321.7828**



# SIMPLE AND FLEXIBLE PRICING

Choose a plan that fits your needs best

The extensive drug data in the Backbone Knowledgebase is continuously updated and reviewed by highly experienced and authoritative clinicians, including the American Society of Health System Pharmacists (ASHP).

Designed for context sensitivity, the modular architecture of the PKB offers extreme granularity and customization to return only the information that is relevant to the user, and only at the points in the care process where it is desired.

Our robust APIs offer seamless integration of Backbone into any health information system. Clinical modules, such as the Drug Interactions Checker, return action-oriented results, providing additional guidance to end users. The database and modules meet the highest standards of interoperability, including HL7's Infobutton® and FHIR®. PEPID works closely with all clients to ensure a smooth and efficient integration process.

## QUESTION ABOUT A PLAN?

### Contact us

Monday-Friday 11am-7:45pm Eastern Time

## 1.888.321.7828

[TRYBACKBONE.COM](http://TRYBACKBONE.COM) | [SUPPORT@PEPID.COM](mailto:SUPPORT@PEPID.COM)

## **ESSENTIAL**

The Ideal bundle for getting to know Backbone

## **BOOST**

Boost your content with alerting modules

## **COMPLETE**

Complete your plan with clinical content, tools, and support

## **ENTERPRISE**

You've got it all.

# ESSENTIAL PLAN

## CORE DRUG DATABASE

### Drug Data

- ✓ Trade & Generic Names
- ✓ Adult Dosing Information
- ✓ Pediatric Dosing Information
- ✓ Renal Dosing Information
- ✓ Hepatic Dosing Information
- ✓ Manufacturer, Strength, Route, Pack, & Form Data
- ✓ Cautions & Warnings
- ✓ Indications & Contraindications
- ✓ Pregnancy/Lactation Information

## CONTENT, DELIVERY, SUPPORT, AND MORE

### Delivery Methods

- ✓ API

## WE PARTNER WITH THE BEST

PEPID content, technology, and strategic partners



# THE IDEAL BUNDLE FOR GETTING TO KNOW BACKBONE

## INDUSTRY LEADING CORE DRUG DATABASE FOR ALL INSTITUTION TYPES AND SIZES

### INFORMATION THAT DRIVES ACCURATE TREATMENTS

Backbone by PEPID brings all of the drug data together to create action-oriented monographs. Concise bullet point content delivers everything from dosing algorithms to pregnancy/lactation restrictions to provide clinicians with all the information they need when making treatment decisions.

**89%** 

of PEPID users  
have changed a clinical  
decision after using PEPID

### SOME OF WHAT YOU CAN FIND IN OUR MONOGRAPHS

- Adult Dosing
- Pediatric Dosing
- Contraindications
- Cautions
- Indications and Uses
- Mechanisms of Action
- Adverse Drug Reactions
- Kinetics/Dynamics
- Pregnancy/Lactation
- Overdose Management
- Interactions
- Trades and Cost Information
- Patient Education Handouts
- Evidence-based Inquiries
- Nursing Considerations

# BOOST PLAN

## CORE DRUG DATABASE

### Drug Data

- ✓ Trade & Generic Names
- ✓ Adult Dosing Information
- ✓ Pediatric Dosing Information
- ✓ Renal Dosing Information
- ✓ Hepatic Dosing Information
- ✓ Manufacturer, Strength, Route, Pack, & Form Data
- ✓ Cautions & Warnings
- ✓ Indications & Contraindications
- ✓ Pregnancy/Lactation Information

## DRUG-DRUG & DRUG-ALLERGY ALERTING MODULES

### Drug Interactions

- ✓ Drug-Drug Interactions
- ✓ Drug-Herbal & Drug-Supplement Interactions
- ✓ Drug-Lifestyle Interactions
- ✓ Duplicate Therapy Alerts

### Drug Allergy

- ✓ Drug-Allergy Interactions
- ✓ Drug-Allergy Alerts
- ✓ Allergic Reaction Summaries

## CONTENT, DELIVERY, SUPPORT, AND MORE

### Delivery Methods

- ✓ API
- ✓ Flat File  
Additional fees may apply

### Support and Account

- ✓ Dedicated Account Representative
- 
- 
-

# BOOST YOUR CONTENT WITH ALERTING MODULES

## ADVANCED DRUG & ALLERGY ALERTING MODULES

### Drug Interactions Checker

Drug Interactions Checker

add a drug, OTC, herbal, etc

Selected Drugs: clear

- PHENELZINE
- WARFARIN
- IBUPROFEN
- FLUOXETINE
- GRAPEFRUIT

Interactions (10) Filter: All Severity: All

Severity	Interaction
↑	St.PHENELZINE,FLUOXETINE-pd
▲	FLUOXETINE:WARFARIN-other
▲	Atc:WARFARIN,IBUPROFEN-pd
▲	SMOKING: WARFARIN-pk
▲	GRAPEFRUIT: WARFARIN-pk
▲	FLUOXETINE: WARFARIN (CYP3A4/5)-pk
▲	FLUOXETINE: WARFARIN (CYP2C9/10)-pk
▲	FLUOXETINE:IBUPROFEN-other
▲	FLUOXETINE: IBUPROFEN-pk
▲	FLUOXETINE: WARFARIN-pk

Ingredients-based interactions checker identifies, weighs, and scores possible interactions of more than 40,000 medications against:

- Prescription Drugs
- OTC Drugs
- Herbal Medicines
- Lifestyle Factors
- Nutrition & Foods
- Duplicate Therapies

**OVER 1/2** 

of clinicians who use PEPID avoid at least one ADE a week by using the Drug Interactions Checker.

### Drug-Allergy Checker

Drug-Allergy Checker

search for allergy agent or class

Selected Classes/Agents: Auto Clear: On clear

- Peanuts
- Tapentadol
- Milk Protein

search for drug to take

Planning to Take: clear

Milk

Allergic Interactions:

- Milk Protein

Immediate type (IgE mediated, mild rash to anaphylactic shock) and Delayed type (T-Cell mediated, maculopapular rash). Hypersensitivity to milk protein. Use of another Non-Milk Protein agent indicated. Use extreme caution and be prepared for severe allergic reaction, including potential life-threatening anaphylaxis.

Check a patient's food or drug allergies against current and new medications to identify risks of allergic reactions or sensitivity. Details on allergy include type, possible symptoms, other concerns, and guidance on proceeding with treatment.

# COMPLETE PLAN

## CORE DRUG DATABASE

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- ✓ Indications & Contraindications
- ✓ Pregnancy/Lactation Information

## DRUG-DRUG & DRUG-ALLERGY ALERTING MODULES

### Drug Interactions

- ✓ Drug-Drug Interactions
- ✓ Drug-Herbal & Drug-Supplement Interactions
- ✓ Drug-Lifestyle Interactions
- ✓ Enhanced Drug Interaction Monographs
- ✓ Duplicate Therapy Alerts

### Drug Allergy

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- ✓ Drug-Allergy Alerts
- ✓ Allergic Reaction Summaries

## CLINICAL DECISION SUPPORT CONTEXT MODULES

### Clinical Content

- ✓ AHFS Drug Information
- ✓ Hospitalist Disease Reference
- ✓ Pharmacy Focused Monographs
- ✓ Emergency Medicine Reference
- ✓ Pediatric Emergency Reference
- ✓ Nursing Care Reference

### Decision Support Tools

- ✓ Drug Specific Dosing Calculators
- ✓ IV Drip Rate Calculators
- ✓ Differential Diagnosis Generator
- ✓ IV Compatibility Checker
- ✓ Medical Calculators
- ✓ Lab Manual Reference
- ✓ Pill ID API



# CONTENT, DELIVERY, SUPPORT, AND MORE

## Delivery Methods

✓ API

✓ Flat File

✓ Infobutton

## Support and Account

✓ Invoicing

✓ 1:1 Integration Consultation

✓ Dedicated Support Representative

✓ PEPID Institutional Support

✓ Dedicated Account Representative

✓ 99.99% SLA Uptime

✓ Faster (24 hr) Support Response

## WHEN YOU EXPECT EXCEPTIONAL.

# COMPLETE YOUR PLAN WITH CLINICAL CONTENT, TOOLS, AND SUPPORT

## Tools & Resources



### Differential Diagnosis Generator

Generate a weighted list of potential diagnoses by inputting a patient's gender, age, symptoms and symptom severity. The results are organized by likelihood of occurrence based on the selected factors.



### Medical Calculators

Over 800 medical calculators, equations & scores including body surface area, Glasgow Coma Scale, total calcium NIH Stroke Scale, port analysis, and more to be placed where you need them.



### Lab Manual

PEPID's lab results include critical values, descriptions, normal ranges, interpretation highs and lows, links to related tests and equations, and physiology and tech information.



### IV Compatibility

Quickly compare compatibility of meds in Y-site, syringe and additives with our IV Compatibility Tool, which allows you to check drug-solution and drug-drug-solution combinations prior to mixing in clinical situations.



### Pill-ID

Easily identify patient medications with just a few details – score, shape and color, even when all you have is a partial imprint.

# ENTERPRISE PLAN

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## CLINICAL DECISION SUPPORT CONTEXT MODULES

### Clinical Content

- ✓ AHFS Drug Information
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- ✓ Lab Manual Reference
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# CONTENT, DELIVERY, SUPPORT, AND MORE

## Patient Facing Content

- ✓ Disease, Condition, and Labs Reference
- ✓ Patient Education, Disease/Condition

## Delivery Methods

- ✓ API
- ✓ Infobutton
- ✓ PEPID Mobile
- ✓ Flat File
- ✓ PEPID Online (Connect)

## Support and Account

- ✓ Invoicing
- Response
- ✓ Custom Payment Schedules
- ✓ 1:1 Integration Consultation
- ✓ PEPID Institutional Support
- ✓ Dedicated Account Representative
- ✓ Faster (24 hr) Support
- ✓ Dedicated Support Representative
- ✓ 99.99% SLA Uptime
- ✓ Localization

# THE MOST ADVANCED INTEGRATED CDS WITH TOP-TIER INSTITUTIONAL SUPPORT

## Delivery at a Glance



### SUPPORTED NOMENCLATURE:

- ICD-10
- SNOMED
- RXNORM
- NDC
- DIN
- CPT
- ATC
- LOINC
- SFDA
- UMLS



### DEVELOPMENT TOOLBOX:

- SDK
- API
- Web Services
- RESTful
- SOAP
- TLS
- SSL
- AJAX



### DATA EXPRESSION:

- XML
- HTML
- SQL
- JSON
- ASCII
- Flatfile



### INTEGRATION:

- EHR
- EMR
- EPR
- EDISPatient Portal
- HIE
- Ambulatory
- SLA 99.9% Uptime
- PHR
- PBM



### HL7 STANDARDS:

- FHIR®
- Infobutton
- C-CDA



Robust, authoritative, actionable.

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