

# Tutorial of FangNet

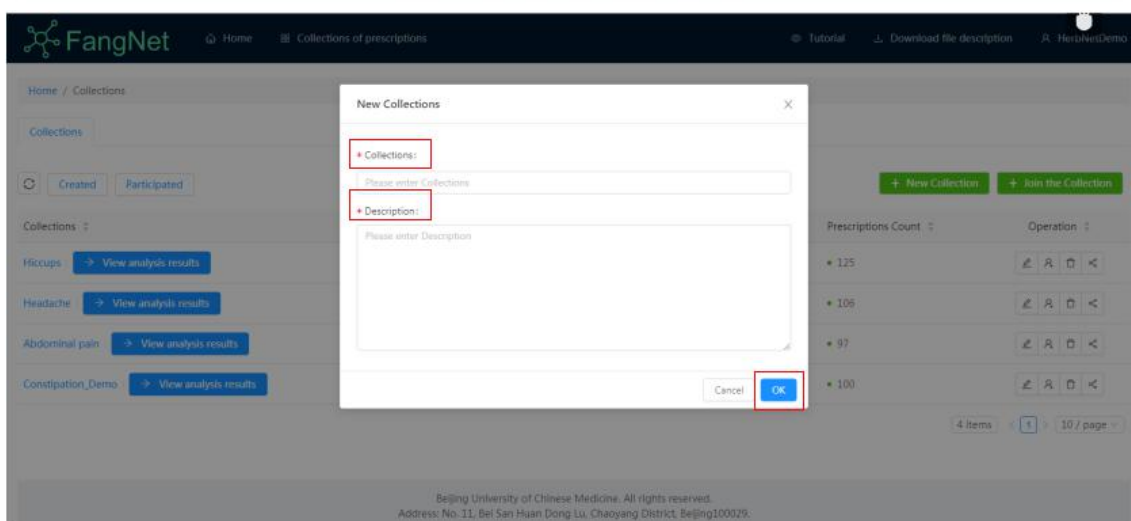
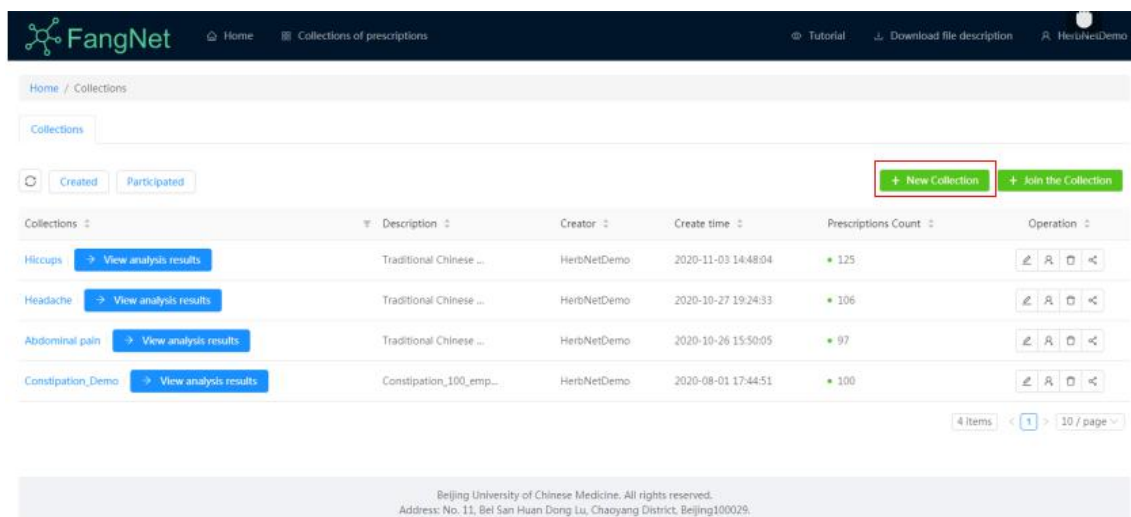
## Contents

1.How to upload a collection of prescripts.....	2
1.1 Create a collection.....	2
1.2 Create a prescription.....	2
1.3 Upload the symptoms.....	4
1.4 Upload the herb formula.....	6
2.How to start an analysis.....	6
2.1 Select prescriptions.....	6
2.2 Start an analysis.....	7
3.How to change the visualization.....	9
3.1 Herb driver/passenger attributes.....	9
3.2 Herb-Herb co-occurrence and Mutual Exclusivity.....	11
3.3 Herb-symptom associations.....	13
4.How to manage a collection.....	15
4.1 Authorize members to join in a collection.....	15
4.2 Invite one to join a collection.....	16
4.3 Exit from a collection.....	17
4.4 Delete a collection.....	17

# 1. How to upload a collection of prescripts

## 1.1 Create a collection

Click the "+ New Collection" button and fill in the popup form, including "Collections"(the collection name) and "Description"(detailed introduction).



## 1.2 Create a prescription

Click the hyperlink of the collection name ("Constipation" in the demo) to enter into a collection. Click the "+New Prescription" to fill in the form to create a prescription.

[Home](#)
[Collections of prescriptions](#)
[Tutorial](#)
[Download file description](#)
[HerbNetDemo](#)

Home / Collections

Collections

Created

Participated

+ New Collection

+ Join the Collection

Collections	Description	Creator	Create time	Prescriptions Count	Operation
Hiccups <a href="#">View analysis results</a>	Traditional Chinese ...	HerbNetDemo	2020-11-03 14:48:04	125	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Refresh</a> <a href="#">Back</a>
Headache <a href="#">View analysis results</a>	Traditional Chinese ...	HerbNetDemo	2020-10-27 19:24:33	106	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Refresh</a> <a href="#">Back</a>
Abdominal pain <a href="#">View analysis results</a>	Traditional Chinese ...	HerbNetDemo	2020-10-26 15:50:05	97	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Refresh</a> <a href="#">Back</a>
Constipation_Demo <a href="#">View analysis results</a>	Constipation_100_emp...	HerbNetDemo	2020-08-01 17:44:51	100	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Refresh</a> <a href="#">Back</a>

4 items < 1 > 10 / page

Beijing University of Chinese Medicine. All rights reserved.  
 Address: No. 11, Bei San Huan Dong Lu, Chaoyang District, Beijing100029.

[Home](#)
[Collections of prescriptions](#)
[Tutorial](#)
[Download file description](#)
[HerbNetDemo](#)

Home / Collections / Constipation\_Demo

Prescriptions Analysis Results

Select All

Start an Analysis

+ New Prescription

<input type="checkbox"/> Case No.	Gender	Disease	Create time	Operation	Info
<input type="checkbox"/> 100 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:31:32	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
<input type="checkbox"/> 099 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:31:22	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
<input type="checkbox"/> 098 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:31:13	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
<input type="checkbox"/> 097 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:31:04	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
<input type="checkbox"/> 096 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:30:55	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
<input type="checkbox"/> 095 <a href="#">View details</a>	Male	Constipation	2020-08-02 17:30:47	<a href="#">Edit</a> <a href="#">Delete</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>

prescriptions

New Medical Record

\* Case No.:

Gender: ☒ Male ☐ Female

\* Disease:

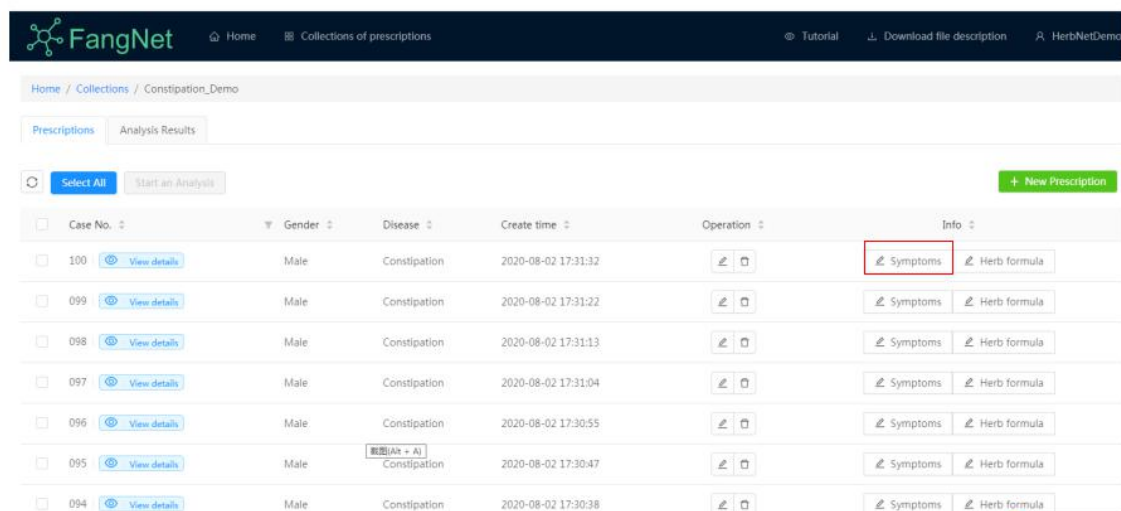
Cancel

OK

2020-11-05 12:27:23 [Edit](#) [Delete](#) [TCM symptom](#)  
 2020-11-05 12:24:54 [Edit](#) [Delete](#) [TCM symptom](#)

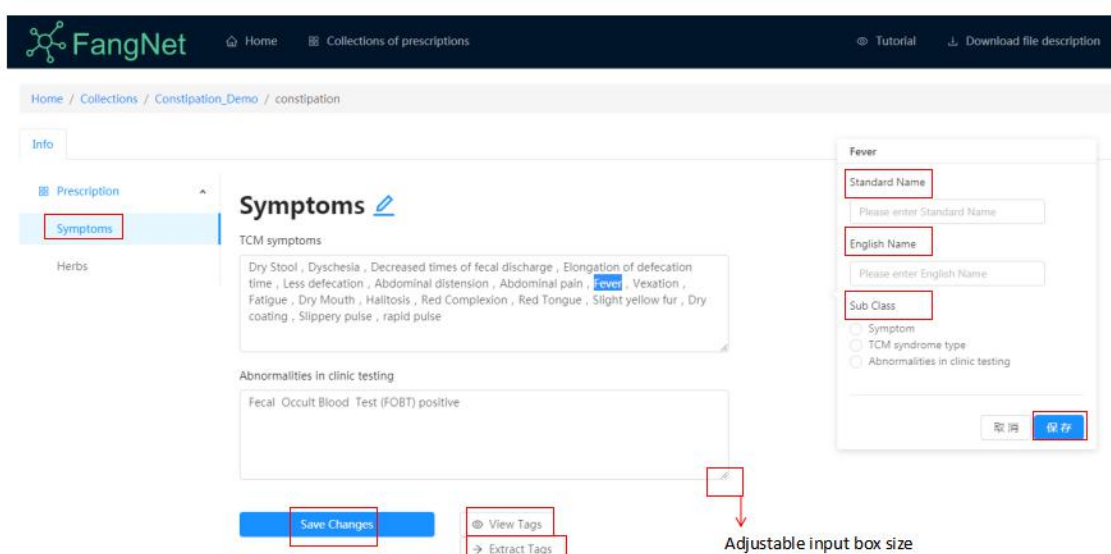
### 1.3 Upload the symptoms

Click the "TCM symptoms" hyperlink to enter into the page of Symptoms form. Fill in the form of "TCM Symptoms" and "Abnormalities in clinic testing". Several symptom tags will be automatically extracted from the input content. If some words are not recognized, users can add the tag manually by flicking the words with mouse. Click the "View Tags" / "Extract Tags" hyperlink to enter into the page of Tags.



The screenshot shows the FangNet web application interface. At the top, there is a navigation bar with the FangNet logo and links to Home, Collections of prescriptions, Tutorial, Download file description, and HerbNetDemo. Below the navigation bar, there is a breadcrumb trail: Home / Collections / Constipation\_Demo. The main content area has two tabs: Prescriptions and Analysis Results. The Prescriptions tab is active, showing a table of prescriptions. The table has columns: Case No., Gender, Disease, Create time, Operation, and Info. The 'Info' column contains links for 'Symptoms' and 'Herb formula'. The 'Symptoms' link for the first row (Case No. 100) is highlighted with a red box.

Case No.	Gender	Disease	Create time	Operation	Info
100	Male	Constipation	2020-08-02 17:31:32	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
099	Male	Constipation	2020-08-02 17:31:22	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
098	Male	Constipation	2020-08-02 17:31:13	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
097	Male	Constipation	2020-08-02 17:31:04	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
096	Male	Constipation	2020-08-02 17:30:55	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
095	Male	Constipation	2020-08-02 17:30:47	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>
094	Male	Constipation	2020-08-02 17:30:38	<a href="#">View details</a>	<a href="#">Symptoms</a> <a href="#">Herb formula</a>



The screenshot shows the FangNet web application interface for the 'Symptoms' form. The 'Symptoms' tab is selected, and the 'Fever' symptom is highlighted. The 'Standard Name' and 'English Name' fields are highlighted with red boxes. The 'Sub Class' dropdown menu is also highlighted with a red box. The 'Save Changes' button is highlighted with a red box. The 'View Tags' and 'Extract Tags' buttons are also highlighted with red boxes. A red arrow points to the 'Adjustable input box size' text.

**Symptoms**

TCM symptoms

Dry Stool, Dyschesia, Decreased times of fecal discharge, Elongation of defecation time, Less defecation, Abdominal distension, Abdominal pain, **Fever**, Vexation, Fatigue, Dry Mouth, Halitosis, Red Complexion, Red Tongue, Slight yellow fur, Dry coating, Slippery pulse, rapid pulse

Abnormalities in clinic testing

Fecal Occult Blood Test (FOBT) positive

**Fever**

Standard Name

Please enter Standard Name

English Name

Please enter English Name

Sub Class

☐ Symptom

☐ TCM syndrome type

☐ Abnormalities in clinic testing

[取消](#) [保存](#)

[Save Changes](#) [View Tags](#) [Extract Tags](#)

Adjustable input box size

[Home](#)
[Collections of prescriptions](#)

[Home / Collections / Constipation\\_Demo / constipation](#)

Info

Prescription

Symptoms

Herbs

## Symptoms

TCM symptoms

Dry Stool , Dyschesia , Decreased times of fecal discharge , Elongation of defecation time , Less defecation , Abdominal distension , Abdominal pain , Fever , Vexation , Fatigue , Dry Mouth , Halitosis , Red Complexion , Red Tongue , Slight yellow fur , Dry coating , Slippery pulse , rapid pulse

Abnormalities in clinic testing

Fecal Occult Blood Test (FOBT) positive

Save Changes

View Tags

Extract Tags

Tags

Save Tags

Clear Tags

Symptom

Slippery pulse

rapid pulse

Fever

Red Tongue

Less defecation

Elongation of defecation time

Abdominal pain

Dry Mouth

Dry Stool

Fecal Occult Blood Test (FOBT) positive

Halitosis

Fatigue

Abdominal distension

Slight yellow fur

Dyschesia

Red Complexion

Vexation

Decreased times of fecal discharge

Dry coating

TCM syndrome type

No tags

Abnormalities in clinic testing

No tags

Herb

+Gancan+3g

+Xiashen+10g

+Dahuang+8g

+Zhihi+6g

+Danggui+9g

+Mangpi+12g

+Huangqi+12g

+Kingsen+6g

+Maziren+15g

+Dangshen+6g

+Shaozao+10g

+Muxiang+10g

+Baizhu+12g

+Houpo+6g

+Shengdi+12g

[Home](#)
[Collections of prescriptions](#)

[Home / Collections / Constipation\\_Demo / constipation](#)

Info

Prescription

Symptoms

Herbs

## Symptoms

TCM symptoms

Dry Stool , Dyschesia , Decreased times of fecal discharge , Elongation of defecation time , Less defecation , Abdominal distension , Abdominal pain , Fever , Vexation , Fatigue , Dry Mouth , Halitosis , Red Complexion , Red Tongue , Slight yellow fur , Dry coating , Slippery pulse , rapid pulse

Abnormalities in clinic testing

Fecal Occult Blood Test (FOBT) positive

Save Changes

View Tags

Extract Tags

Tags

Save Tags

Clear Tags

Symptom

Slippery pulse

rapid pulse

Fever

Red Tongue

Less defecation

Elongation of defecation time

Abdominal pain

Dry Mouth

Dry Stool

Fecal Occult Blood Test (FOBT) positive

Halitosis

Fatigue

Abdominal distension

Slight yellow fur

Dyschesia

Red Complexion

Vexation

Decreased times of fecal discharge

Dry coating

TCM syndrome type

No tags

Abnormalities in clinic testing

No tags

Herb

+Gancan+3g

+Xiashen+10g

+Dahuang+8g

+Zhihi+6g

+Danggui+9g

+Mangpi+12g

+Huangqi+12g

+Kingsen+6g

+Maziren+15g

+Dangshen+6g

+Shaozao+10g

+Muxiang+10g

+Baizhu+12g

+Houpo+6g

+Shengdi+12g

## 1.4 Upload the herb formula

Click the "Herb formula " hyperlink to enter into the page of herb formula form. Fill in the form of " Herb formula". Several herb tags will be automatically extracted from the input content. If some words are not recognized, users can add the tag manually by flicking the words with mouse. Click the "View Tags" / "Extract Tags" hyperlink to enter into the page of Tags.

The screenshot displays the FangNet web application. The top navigation bar includes the FangNet logo, a 'Home' link, a 'Collections of prescriptions' link, and a 'Tutorial' link. Below this, a breadcrumb trail reads 'Home / Collections / Constipation\_Demo / constipation'. The main interface is divided into a left sidebar and a central content area. The sidebar has an 'Info' tab and a 'Prescription' section with sub-items 'Symptoms' and 'Herbs'. The 'Herbs' item is selected and highlighted. The central content area is titled 'Herbs' with an edit icon. It contains a text box labeled 'Herb formula' with the following text: 'Maziren15g;Shaoyao10g;Zhishi6g;Dahuang9g;Houpu6g;Xingren6g;Danggui9g;Dangshen6g;Gancao3g;Mangxiao12g;Muxiang10g;Baizhu12g;Huangqi12g;Shengdi12g;Xuanshen10g;'. Below the text box are three buttons: a blue 'Save Changes' button, and two white buttons with red borders labeled 'View Tags' and 'Extract Tags'. At the bottom of the page, a footer contains the text: 'Beijing University of Chinese Medicine. All rights reserved. Address: No. 11, Bei San Huan Dong Lu, Chaoyang District, Beijing100029.'

## 2.How to start an analysis

### 2.1 Select prescriptions

Select a number of prescriptions by clicking the checkbox. Note: At least 50 prescriptions should be selected. Then You will then see the "Start an analysis" button highlighted and you can initiate a analysis by clicking it.

FangNet Home Collections of prescriptions Tutorial Download file description HerbNetDem

Home / Collections / Constipation\_Demo

Prescriptions Analysis Results

Deselect All Start an Analysis Selected 100 items  $\geq 50$  + New Prescription

Case No.	Gender	Disease	Create time	Operation	Info
100	Male	Constipation	2020-08-02 17:31:32		Symptoms  Herb formula
099	Male	Constipation	2020-08-02 17:31:22		Symptoms  Herb formula
098	Male	Constipation	2020-08-02 17:31:13		Symptoms  Herb formula
097	Male	Constipation	2020-08-02 17:31:04		Symptoms  Herb formula
096	Male	Constipation	2020-08-02 17:30:55		Symptoms  Herb formula
095	Male	Constipation	2020-08-02 17:30:47		Symptoms  Herb formula
094	Male	Constipation	2020-08-02 17:30:38		Symptoms  Herb formula
093	Male	Constipation	2020-08-02 17:30:02		Symptoms  Herb formula

## 2.2 Start an analysis

Fill in the "Analysis Name" and "Description" to complete the form.

Collections of prescriptions Tutorial

Analysis

\* Analysis Name:

Description:

Network:
☐ herb\_herb
☒ symptom\_herb

Cancel

Collections of prescriptions

Tutorial

✓

You have started an analysis successfully.  
Do you want to jump to the analysis page?

OK

ected 100 items

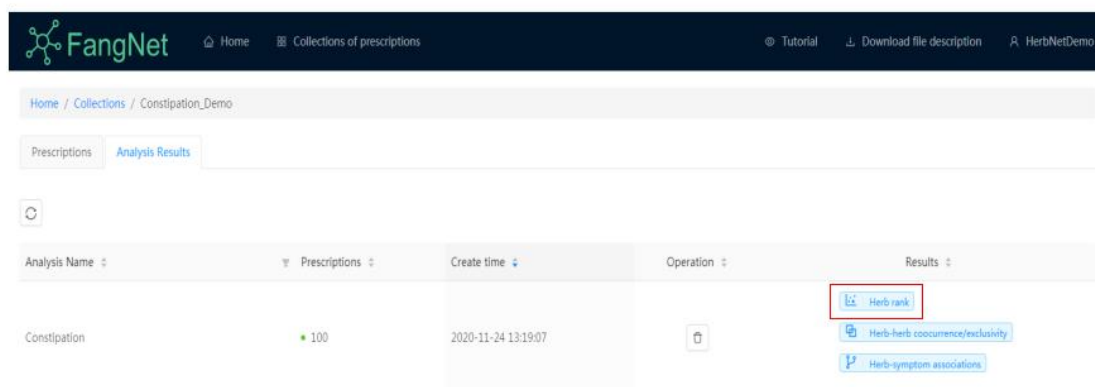
Gender	Disease	Create time	Operation
Male	Constipation	2020-08-02 17:31:32	<div><div></div><div></div></div>
Male	Constipation	2020-08-02 17:31:22	<div><div></div><div></div></div>
Male	Constipation	2020-08-02 17:31:13	<div><div></div><div></div></div>



### 3.How to change the visualization

#### 3.1 Herb driver/passenger attributes

In the Analysis page of specific collection, click the "Classification" hyperlink to enter into the results of the data visualization. A default figure is presented in this page, which can be download to local. By clicking "Rebuild using new parameter" button, you can change the parameters to regenerate a figure. Note: "Support" and "Interaction" respectively represent the control of Nodes and Edges displayed in the network.



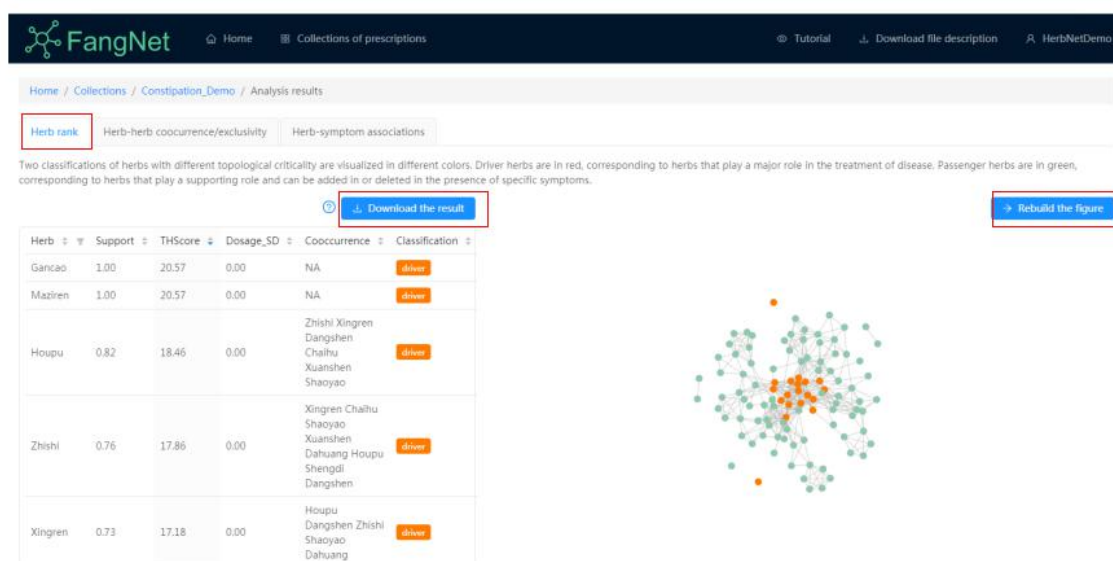
FangNet

Home Collections of prescriptions Tutorial Download file description HerbNetDemo

Home / Collections / Constipation\_Demo

Prescriptions Analysis Results

Analysis Name	Prescriptions	Create time	Operation	Results
Constipation	100	2020-11-24 13:19:07		<a href="#">Herb rank</a> <a href="#">Herb-herb cooccurrence/exclusivity</a> <a href="#">Herb-symptom associations</a>



FangNet

Home Collections of prescriptions Tutorial Download file description HerbNetDemo

Home / Collections / Constipation\_Demo / Analysis results

[Herb rank](#) Herb-herb cooccurrence/exclusivity Herb-symptom associations

Two classifications of herbs with different topological criticality are visualized in different colors. Driver herbs are in red, corresponding to herbs that play a major role in the treatment of disease. Passenger herbs are in green, corresponding to herbs that play a supporting role and can be added in or deleted in the presence of specific symptoms.

[Download the result](#) [Rebuild the figure](#)

Herb	Support	THScore	Dosage_SD	Cooccurrence	Classification
Gancao	1.00	20.57	0.00	NA	<a href="#">download</a>
Maziren	1.00	20.57	0.00	NA	<a href="#">download</a>
Houpu	0.82	18.46	0.00	Zhishi Xingren Dangshen Chaihu Xuanshen Shaoyao	<a href="#">download</a>
Zhishi	0.76	17.86	0.00	Xingren Chaihu Shaoyao Xuanshen Dahuang Houpu Shengdi Dangshen	<a href="#">download</a>
Xingren	0.73	17.18	0.00	Houpu Dangshen Zhishi Shaoyao Dahuang	<a href="#">download</a>

Herb rank
Herb-herb cooccurrence/exclusivity
Herb-symptom associations

Two classifications of herbs with different topological criticality are visualized in different colors. Driver herbs are in red, corresponding to herbs that play a supporting role and can be added in or deleted in the presence of specific symptoms.

Download the result

Herb	Support	THScore	Dosage_SD	Cooccurrence	Classification
Gancao	1.00	20.57	0.00	NA	Driver
Maziren	1.00	20.57	0.00	NA	Driver
Houpu	0.82	18.46	0.00	Zhihi Xingren Dangshen Chaihu Xuanshen Shaoyao	Driver
Zhihi	0.76	17.86	0.00	Xingren Chaihu Shaoyao Xuanshen Dahuang Houpu Shengdi Dangshen	Driver
Xingren	0.73	17.18	0.00	Houpu Dangshen Zhihi Shaoyao Dahuang	Driver
Dahuang	0.76	17.10	0.00	Danggui Xingren Shaoyao Zhihi Muxiang	Driver
				Xingren Dahuang	

Herbs(count:104)
Support: Min ~ Max ✓ Check All
Rebuild the figure

Enter a number between 0-1 in the text box.

☒ Gancao(1) ☒ Maziren(2) ☒ Houpu(0.82) ☒ Zhihi(0.76) ☒ Xingren(0.73) ☒ Dahuang(0.76) ☒ Shaoyao(0.76) ☒ Mangxiao(0.49) ☒ Danggui(0.55) ☒ Dangshen(0.49) ☒ Muxiang(0.49) ☒ Laifuzi(0.33) ☒ Huangqi(0.25) ☒ Xuanshen(0.25) ☒ Shengdi(0.22) ☒ Chaihu(0.27) ☒ Baizhu(0.16) ☒ Diyu(0.15) ☒ Sharen(0.24) ☒ Chuanxiong(0.09) ☒ Qingpi(0.12) ☒ Honghua(0.09) ☒ Taoren(0.09) ☒ Baijiangcao(0.09) ☒ Chantui(0.06) ☒ Ganjiang(0.06) ☒ Banxia(0.18) ☒ Chenpi(0.15) ☒ Fuling(0.07) ☒ Yacaihuo(0.05) ☒ Tiaowu(0.05) ☒ Mafu(0.05) ☒ Zhushou(0.05)

Herb-herb interactions(count:416)
Interactio 0.15 ~ Max ✓ Check All

Enter a number between 0-1 in the text box.

☒ Shengdi-Xuanshen(0.88) ☒ Houpu-Zhihi(0.93) ☒ Xingren-Houpu(0.89) ☒ Dafuzi-Baiziren(1.00) ☒ Wuyao-Baiziren(1.00) ☒ Wuyao-Dafuzi(1.00) ☒ Taoren-Honghua(1.00) ☒ Shengqi-Banxia(0.67) ☒ Baijiangcao-Qingpi(0.75) ☒ Dangshen-Huangqi(0.51) ☒ Liangiao-Sininhua(1.00) ☒ Zexie-Shengmai(1.00) ☒ Laifuzi-Muxiang(0.58) ☒ Baijiangcao-Diyu(0.60) ☒ Chenpi-Banxia(0.57) ☒ Zhihi-Xingren(0.82) ☒ Chaihu-Laifuzi(0.54) ☒ Huashua-Baijiangcao(0.67) ☒ Danggui-Dangshen(0.63) ☒ Huangqi-Baizhu(0.46) ☒ Dangshen-Houpu(0.31) ☒ Zhenzhen-Li(0.05) ☒ Baiziren-Chuanxiong(0.38) ☒ Fufu(0.05)

Reset Submit

### 3.2 Herb-Herb co-occurrence and Mutual Exclusivity

In the Analysis page of specific collection, click the "Herb-Herb" hyperlink to enter into the results of the data visualization. By clicking "Rebuild using new parameter" button, you can change the parameters to regenerate a figure. Note: "Support" represent the control of Nodes displayed in the network.

**FangNet** Home Collections of prescriptions Tutorial Download file description HerbNetDemo

Home / Collections / Constipation\_Demo

Prescriptions Analysis Results

Analysis Name Prescriptions Create time Operation Results

Constipation 100 2020-11-24 13:19:07

Herb rank  
Herb-herb cooccurrence/exclusivity  
Herb-symptom associations

**FangNet** Home Collections of prescriptions Tutorial Download file description HerbNetDemo

Home / Collections / Constipation\_Demo / Analysis results

Herb rank Herb-herb cooccurrence/exclusivity Herb-symptom associations

Totally nine levels of co-occurrence and mutual exclusivity are defined and visualized. Blue means a higher level of co-occurrence, while red means a higher level of mutual exclusivity. By default, the 50 most frequently used drugs are displayed.

Download the result Rebuild the figure

Herb1	Herb2	Co_ratio	pValue	Co_event	Co_level
Shengdi	Xuanshen	0.88	3.14e-19	22.00	4.00
Houpu	Zhishi	0.93	4.39e-15	76.00	4.00
Xingren	Houpu	0.89	1.53e-13	73.00	4.00
Dafupi	Balziren	1.00	5.26e-13	9.00	4.00
Wuyao	Balziren	1.00	5.26e-13	9.00	4.00
Wuyao	Dafupi	1.00	5.26e-13	9.00	4.00
Taoren	Honghua	1.00	5.26e-13	9.00	4.00
Shenqu	Bansia	0.67	1.77e-11	12.00	4.00
Baijiangcao	Qingpi	0.75	1.16e-10	9.00	4.00
Dangshen	Huangqi	0.51	2.61e-10	25.00	4.00
Lianqiao	Jinyinhua	1.00	8.39e-10	6.00	4.00

Herb rank
Herb-herb cooccurrence/exclusivity
Herb-symptom associations

totally nine levels of co-occurrence and mutual exclusivity are defined and visualized. Blue means a higher level of co-occurrence, while red means a higher level of mutual exclusivity.

Download the result

Herb1	Herb2	Co_ratio	pValue	Co_event	Co_level
Shengdi	Xuanshen	0.88	3.14e-19	22.00	4.00
Houpu	Zhishi	0.93	4.39e-15	76.00	4.00
Xingren	Houpu	0.89	1.53e-13	73.00	4.00
Dafupi	Baiziren	1.00	5.26e-13	9.00	4.00
Wuyao	Baiziren	1.00	5.26e-13	9.00	4.00
Wuyao	Dafupi	1.00	5.26e-13	9.00	4.00
Taoren	Honghua	1.00	5.26e-13	9.00	4.00
Shenqu	Banxia	0.67	1.77e-11	12.00	4.00
Baijiangcao	Qingpi	0.75	1.16e-10	9.00	4.00

Herbs(count:104)

Support: Min - Max ✓ Check All

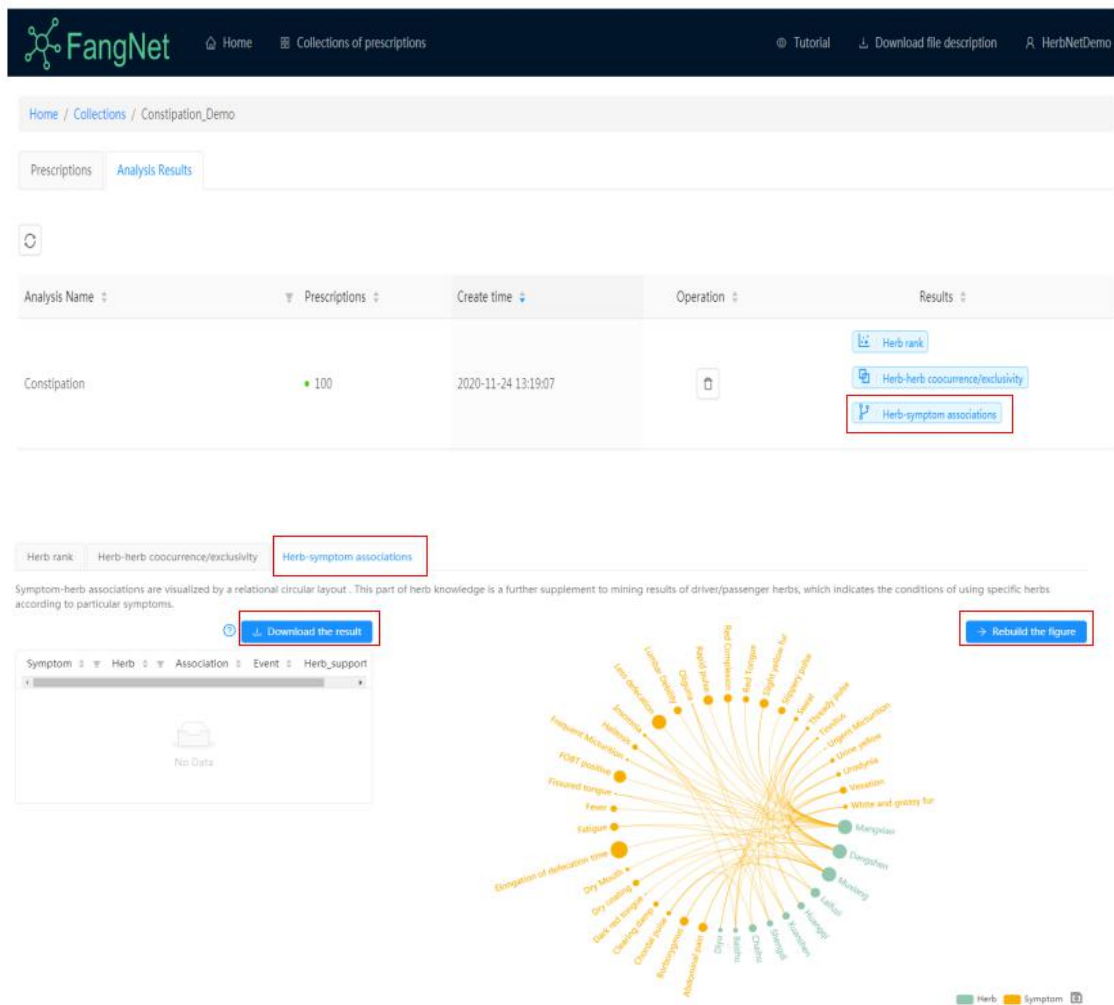
Enter a number between 0~1 in the text box.

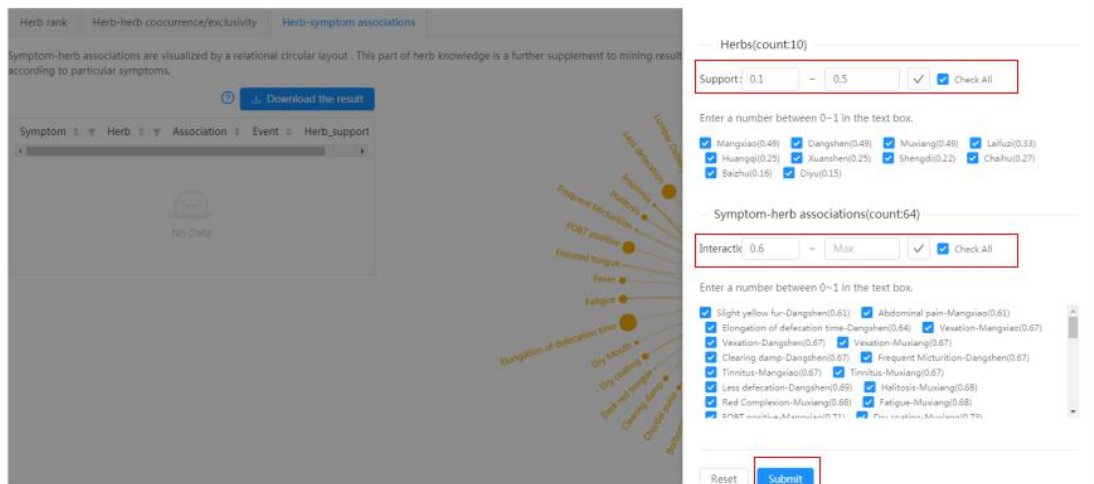
☒ Gancao(1.00)
☒ Maziren(1.00)
☒ Houpu(0.82)
☒ Zhishi(0.76)
☒ Xingren(0.73)
☒ Dahuang(0.76)
☒ Shaoyao(0.76)
☒ Mangxiao(0.49)
☒ Danggui(0.55)
☒ Dangshen(0.49)
☒ Muxiang(0.49)
☒ Laifuzi(0.33)
☒ Huangqi(0.25)
☒ Xuanshen(0.25)
☒ Shengdi(0.22)
☒ Chaihu(0.27)
☒ Baizhu(0.16)
☒ Oiyu(0.15)
☒ Sharen(0.24)
☒ Chuanxiong(0.09)
☒ Qingpi(0.12)
☒ Honghua(0.09)
☒ Taoren(0.09)
☒ Baijiangcao(0.09)
☒ Chanhui(0.06)
☒ Gandianzi(0.06)
☒ Ranyia(0.18)
☒ Zhenli(0.15)

Reset Submit

### 3.3 Herb-symptom associations

In the Analysis page of specific collection, click the "Herb-Symptom" hyperlink to enter into the results of the data visualization. A default figure is presented in this page, which can be download to local. By clicking "Rebuild using new parameter" button, you can change the parameters to regenerate a figure. Note: "Support" and "Interaction" respectively represent the control of Nodes and Edges displayed in the network.

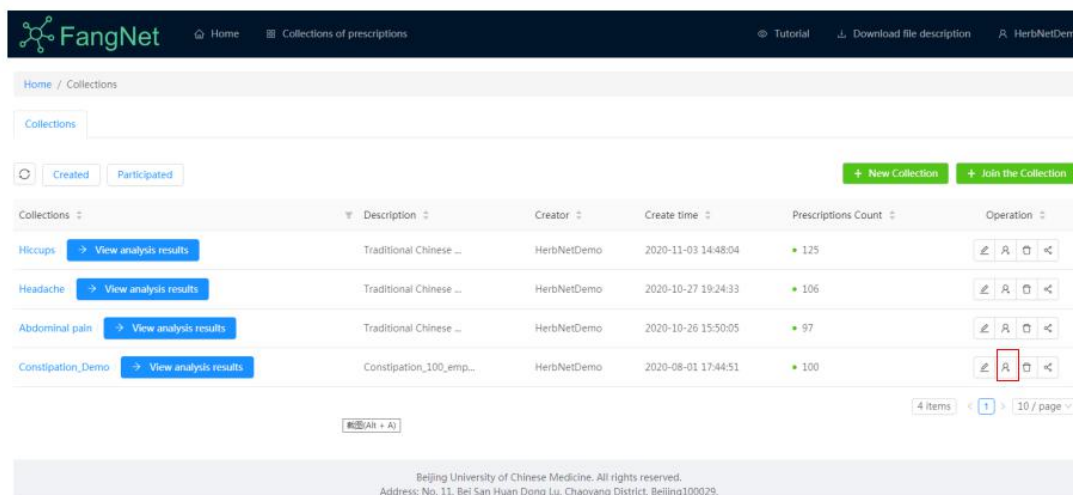




## 4.How to manage a collection

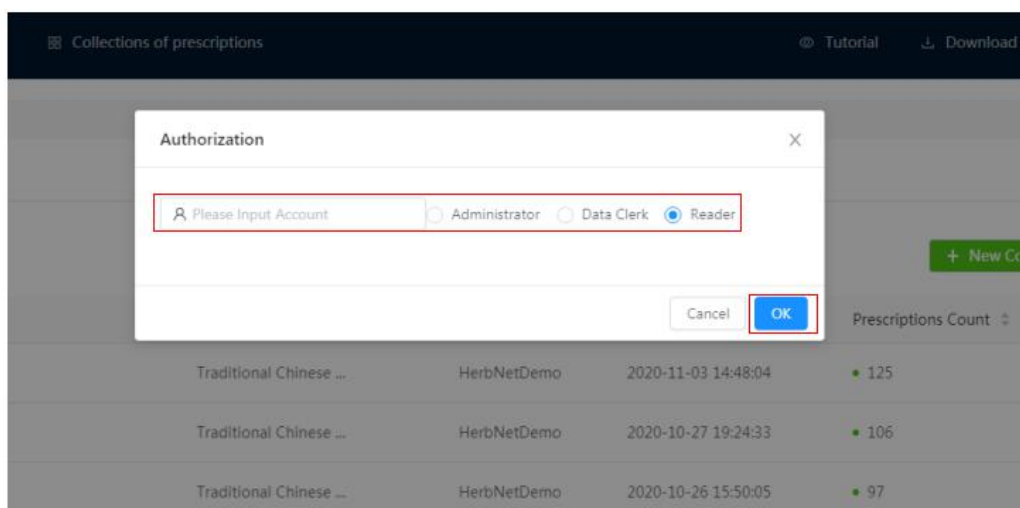
### 4.1 Authorize members to join in a collection

Click the second button under the "Operation" and fill in the popup form,including "Authorization"(Please input account and chose Administrator/Data Clerk/Reader) .



Collections	Description	Creator	Create time	Prescriptions Count	Operation
Hiccups	Traditional Chinese ...	HerbNetDemo	2020-11-03 14:48:04	125	[View analysis results] [Person icon] [Lock icon] [Refresh icon]
Headache	Traditional Chinese ...	HerbNetDemo	2020-10-27 19:24:33	106	[View analysis results] [Person icon] [Lock icon] [Refresh icon]
Abdominal pain	Traditional Chinese ...	HerbNetDemo	2020-10-26 15:50:05	97	[View analysis results] [Person icon] [Lock icon] [Refresh icon]
Constipation_Demo	Constipation_100_emp...	HerbNetDemo	2020-08-01 17:44:51	100	[View analysis results] [Person icon] [Lock icon] [Refresh icon]

Beijing University of Chinese Medicine. All rights reserved.  
Address: No. 11, Bei San Huan Dong Lu, Chaoyang District, Beijing100029.



Authorization

Please Input Account Administrator Data Clerk Reader

Cancel OK

## 4.2 Invite one to join a collection

Click the "+ Join the Collection" button and fill in the authorization code to join the queue.

The screenshot shows the FangNet web interface. At the top, there's a navigation bar with 'FangNet' logo and links for Home, Collections of prescriptions, Tutorial, Download file description, and HerbNetDemo. Below the navigation bar, there's a breadcrumb 'Home / Collections'. A filter bar shows 'Collections' selected. There are tabs for 'Created' and 'Participated'. On the right, there are two green buttons: '+ New Collection' and '+ Join the Collection', with the latter highlighted by a red box. Below these is a table of collections:

Collections	Description	Creator	Create time	Prescriptions Count	Operation
Hiccups	Traditional Chinese ...	HerbNetDemo	2020-11-03 14:48:04	125	[Edit] [Share] [Delete] [Refresh]
Headache	Traditional Chinese ...	HerbNetDemo	2020-10-27 19:24:33	106	[Edit] [Share] [Delete] [Refresh]
Abdominal pain	Traditional Chinese ...	HerbNetDemo	2020-10-26 15:50:05	97	[Edit] [Share] [Delete] [Refresh]
Constipation_Demo	Constipation_100_emp...	HerbNetDemo	2020-08-01 17:44:51	100	[Edit] [Share] [Delete] [Refresh]

At the bottom, there's a footer with the text: 'Beijing University of Chinese Medicine. All rights reserved. Address: No. 11, Bei San Huan Dong Lu, Chaoyang District, Beijing100029.'

The screenshot shows a modal dialog box titled 'Fill in the authorization code to join the queue'. Inside the dialog, there's a text input field with the placeholder text 'Please enter Authoriz...'. To the left of the input field is a red asterisk and the text 'Authorization code:'. At the bottom right of the dialog, there are two buttons: 'Cancel' and 'OK', with the 'OK' button highlighted by a red box. The background of the dialog is semi-transparent, showing the same table of collections as the previous screenshot.



## 4.3 Exit from a collection

Click the third button under the "Operation" and answer the question that Are you sure to Quit the collection ?

The screenshot shows the HerbNet interface. At the top, there's a navigation bar with 'HerbNet', 'Home', 'Collections', and 'Prescriptions'. Below this, a breadcrumb trail shows 'Home / Collections'. A filter bar includes 'Completed', 'Ongoing', 'Own', and 'Involved'. The main table lists collections with columns: Collections, Description, Owner, Creation time, Size, and status. One collection, 'Constipation\_Demo', is highlighted. A red box highlights the third button in the 'Operation' column (a trash icon) and a confirmation dialog that appears: 'Are you sure to Quit the collection?' with 'cancel' and 'OK' buttons.

Collections	Description	Owner	Creation time	Size	status
Constipation_Demo	Constipation_100_emp...	HerbNetDemo	2020-08-01 17:44:51	100	Ongoing

## 4.4 Delete a collection

Click the third button under the "Operation" and answer the question that Are you sure to Delete the collection ?

The screenshot shows the FangNet interface. At the top, there's a navigation bar with 'FangNet', 'Home', 'Collections of prescriptions', 'Tutorial', 'Download file description', and 'HerbNetDemo'. Below this, a breadcrumb trail shows 'Home / Collections'. A filter bar includes 'Created' and 'Participated'. The main table lists collections with columns: Collections, Description, Creator, Create time, and Prescriptions Count. Four collections are listed: 'Hiccups', 'Headache', 'Abdominal pain', and 'Constipation\_Demo'. Each has a 'View analysis results' button. A red box highlights the third button in the 'Operation' column (a trash icon) and a confirmation dialog that appears: 'Are you sure to Delete the collection?' with 'cancel' and 'OK' buttons.

Collections	Description	Creator	Create time	Prescriptions Count
Hiccups	Traditional Chinese ...	HerbNetDemo	2020-11-03 14:48:04	125
Headache	Traditional Chinese ...	HerbNetDemo	2020-10-27 19:24:33	106
Abdominal pain	Traditional Chinese ...	HerbNetDemo	2020-10-26 15:50:05	97
Constipation_Demo	Constipation_100_emp...	HerbNetDemo	2020-08-01 17:44:51	100