**Add New Patient**

**AspergillosisEPR** Add New Patient button

Is in **/Views/Patients/\_Buttons.cshtml**

<a href="javascript:void(0)" class="btn btn-success btn-lg new-patient-modal-show">

<i class="fa fa-user-plus"></i>&nbsp;Add new Patient

</a>

**Patient.js**

function **newPatientsModalShow** sets theclick event for the above button

**[Patient.js]**

**var newPatientsModalShow = function () {**

$(document).off("click.launch-new-patient-modal").on("click.launch-new-patient-modal", "a.new-patient-modal-show", function () {

LoadingIndicator.show();

$.get("/Patients/New", function (responseHtml) {

LoadingIndicator.hide();

$("div#modal-container").html(responseHtml);

$("div#new-patient-modal").modal("show");

initPatientsDateTimePickers();

CaseReportForms.onPatientCaseReportFormSelectChange();

onPatientStatusChange();

CaseReportForms.deletePartialFromPopup();

deletePartialFromPopup();

});

});

}

When clicked does an ajax get to **Patients/New**, and puts the returned html form into the modal, and makes the modal visible

**Patients/New** returns the following partial form trace:

**view Views/Patients/New.cshtml**

**/Views/Patients/\_New.cshtml** -displays tabbed modal input form includes Save buttons

**/Views/Patients/\_DetailsTab.cshtml**

**/Views/Patients/\_PatientDetails.cshtml**

**/Views/Patients/\_NacInfo.cshtml**

**/Views/Patients/\_DiagnosesTab.cshtml**

**/Views/Patients/\_DrugsMonitoringTab.cshtml**

**/Views/Patients/\_STGQuestionnaire.cshtml**

**/Views/Patients/\_MRCScore.cshtml**

**/Views/Patients/\_Measurement.cshtml**

**/Views/Patients/\_IgTab.cshtml**

**/Views/Patients/\_RadiologyTab.cshtml**

**/Views/Patients/\_PulmonaryFunctionTests.cshtml**

**/Views/Patients/\_SmokingStatus.cshtml**

**/Views/Patients/\_MedicalTrials.cshtml**

**/Views/Patients/CaseReportForms/\_New.cshtml**

**Save button**

The **Save** button on the modal form has its click event set again by **Patient.js**

The function this time is called **submitNewPatient**

**[Patient.js]**

**var submitNewPatient = function () {**

$(document).off("click.save-patient").on("click.save-patient", "button.submit-new-patient", function () {

LoadingIndicator.show();

$("label.text-danger").remove();

$.ajax({

url: $("form#new-patient-form").attr("action"),

type: "POST",

data: $("form#new-patient-form").serialize(),

contentType: "application/x-www-form-urlencoded",

dataType: 'json'

}).done(function (data, textStatus) {

LoadingIndicator.hide();

if (textStatus === "success") {

if (data.errors) {

displayErrors(data.errors);

} else {

$("form#new-patient-form")[0].reset();

$("div#new-patient-modal").modal("hide");

window.patientsTable.ajax.reload(function () {

currentUserWithRoles();

});

}

}

}).fail(function (data) {

LoadingIndicator.hide();

$("form#new-patient-form")[0].reset();

$("div#new-patient-modal").modal("hide");

alert("There was a problem saving this patient. Please contact administrator");

});

});

}

The data from new-patient-form is serialised using the jQuery.Serialize() method which creates a URL-encoded string.

The data is sent in a json format.

The click event here calls the Ajax Post action **Patients/Create**

This method has a binding attribute on the Patient model class, so that only the values specified are bound.

Adding the data seems a complicated routine involving external data and the **PatientManager** class

Checks if Patient RM2 is unique

In the http a basic set of results come through and then extras depending on what was added