



The Radiology Information Solution

Resource Groups & Personnel Management Module

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Introduction

Purpose

The Resource module enables departments to define Resource Groups comprising a number of contributing stakeholders. This function is designed to facilitate the management and allocation of work, and streamlining workflow for greater efficiency / collaboration via the CRIS Vetting, Appointments and Reporting Modules.

The Resource Management Module also allows departments to rota staff and equipment and to assign essential resources to exams to facilitate accurate, paperless appointment systems. The Trust can create a resource or resource groups and manage appointments by viewing room diaries in conjunction with staff availability.

A resource could be any type of person from a Sonographer to a Radiologist / Clinician, or even equipment such as mobile imaging.

Audience

This document has been designed to explain the whole module including creating a resource / resource group, managing appointments around resources and everything else. The final section covers configuration of the module aimed at RIS / PACS System Managers.







Resource Module / Resource Groups

VETTING, APPOINTMENTS or RECEPTION mode is typically the most appropriate mode for use with the Resource module, although there is no specific mode associated with this module and users can therefore use their preferred mode where applicable. The Resource module enables Resource Groups to be defined comprising a number of contributing stakeholders to facilitate allocating work, and streamlining workflow for greater efficiency / collaboration via the CRIS Vetting, Appointments and Reporting Modules.

GLOSSARY OF TERMS

RESOURCE GROUPS – Resource Groups are groups of available stakeholders (i.e. Neuro, MSK, Vascular, Pediatric clinicians who can vet, perform or report certain procedures). Resources can belong to multiple groups at any time. When applying Resource Groups, you can manually allocate the 'Group' via the individual event or from a worklist. You can also allocate a Group to batches of events / requests via Worklists or configure CRIS to automatically assign groups to examinations.

RESOURCES – Represent clinicians or any other kind of stakeholder who will be part of a Resource Group / Pool for Vetting, Scheduling or Reporting purposes ((i.e. Radiologists, Superintendent Radiographers, Sonographers etc. or even equipment such as mobile imaging). A resource may belong to several groups and can be allocated individually or automatically by CRIS according to availability.

RESOURCE AVAILABILITY – This function is used to define if a resource is available on a given date. It is possible to pre-configure all required types of availability (i.e. Performing Examinations, Reporting, Study Leave, and Annual Leave etc.) including specifying the availability of each type (i.e. present / not present) which can also be overridden where permitted.

RESOURCE DEFAULTS – This feature is designed to enable the resource management module to be preconfigured to specify what resources are required via the Exams Per Hospital Table (i.e. If a CT Angiogram is going to be performed then stakeholders from a specific resource group will need to be available).

REASONS – These are used to describe a resource or resource group's availability based on pre-defined category types (i.e. Performing Examinations, Reporting, Study Leave, and Annual Leave etc.)





RESOURCE LIST (CLINIC VIEW)

This list functions in a very similar fashion to the [Appointments List], the main difference is that the [Resource List] is designed to show resources (i.e. Radiologists) their forthcoming appointment schedules. This provides Clinic list functionality using the filters at the bottom of the screen to view individual resources, or resource groups to see which patients they have coming for scans.

HospNo	Sumame	Forenames	008	Date Tim	Site	RegNo	Ref.ot	Referrer		Examinations	List
93HSS	RIMMELL	808 MERIEL	28/12/1939 0 16/03/1996 0	03/09/2009 1645 03/09/2009 1540	HSS01 HSS01	Appoint Appoint	0P 0P	08512909 08209924	UOTV	IACOEP	Print
	WILLIAMS	MARK	23/02/1966[0	03/09/2009/1125	H\$S01	Appoint	1049	08437503	CANAO		Don

Filter	Description
Group	Allows users to filter the list based on a specific resource group
Resource	Allows users to filter the list for an individual resource
Site	Allows users to filter the list for a specific site
Date	Allows users to specify a date as applicable
Room	Allows users to filter the list based on room
Modality	Allows list to be filtered for a specific modality
Exam	Allows user to filter the list for a specific examination

Upon using any filter, or combination of filters it will be necessary to click the [List] function button to display the data as requested.

ASSIGNING RESOURCE TO EVENTS

Resources can be allocated to an event at any stage during a patient journey through the system. The <u>Event</u> <u>Details</u> and Post Processing screens both have a 'Group' field to enable users to manually allocated the event (i.e. All Examinations) to a Vetting, Scheduling or Reporting Group. It is also possible to assign Groups to batches of events via worklists using the right-click menu options.

Event Details Screen

Menu	Report Info	Lists	Search	Patient D)etails	Events	Event Info	Event Details
Attende	d: 10-Sep-20)15 at 17:	:47					
Referr	al Source H	ISS01	HE	ALTHCARE	HOSPIT	AL		
Ref	Location H	ISS01OP	D		Outpati	ents Depa	rtment	
	Referrer C	911			WHO D	R		
	Speciality 1	70			CARDIO	THORACI	C SURGERY	
Lead	l Clinician 🖸	911			WHO D	R		
	Mobility 🕅	1			Walking	g		
Intend	l Clinician			S	blank			
	Group C	:	C	T clinicians				





Post Processing Screen

Menu Report Info Lists Search Patient Details	Events Event Info Event Details Post Processing Event Forms
PACS Images 💌	
CT Head	
Room Start Time End Time	Height 0.0 om Weight 0.0 kg Exam Quality
Operator ESMTRAIN	
Clinician Status Practitioner	Intended Clinician Group C Reporting Urgency S

Event lists (via right-click, multiple events can be selected)

		Filter Profile No profile selected V New Edit Save							_					
0	Sumame	Forenames	DOB	Date	Time	Site	RegNo	RefLoc	Refer	rer	Examin	New Group	CRADIOL	
	HUGHES	SARAH	30-Dec-1970	5 10-Aug-2017		HSS01	Request 5	HSS010PD	C911_		CVCOY	and the second		
	BEGUM	EMMA	18-Nov-1977	7 10-Aug-2017		HSS01	Request 5	HSS010PD	0911	Vetting	· · · · ·			
	ALI	MICHAEL	16-Oct-1968	10-Aug-2017		HSS01	Request 5	HSS010PD	C911	Request Label				
	MILLER	JEAN	06-Jan-1972	2 10-Aug-2017		HSS01	Request 5	HSS010PD	C911	Deint Latter		Existing Group(s)		
	SIMPSON	LORRAINE	14-Feb-1971	1 10 Aug-2017		HSS01	Request 5	HSS010PD	C911	Print Letter		Exams on event 36335	currently allocated to group(s):	
	WILSON	SHIRLEY	26-Apr-1986	10-Aug-2017		HSS01	Request 5	HSS010PD	C911	Print Exams Detail	ls 📃		contracted encourse to Brookfelt	
	PARKER	JUNE	06-Dec-1936	5 10-Aug-2017		HSS01	Request 5	HSS010PD	0911	Add To Diary				
	LEE	MICHAEL	24-Feb-1948	3 10-Aug-2017		HSS01	Request 5	HSS010PD	C911 -			Exams on event 36334	currently allocated to group(s):	
	VADER	DARTH	06-Sep-1946	5 10-Aug-2017		HSS01	Request	HSS010PD	C911	Event has not been	n attended >		currently and and a group (of)	
										Add to Session				
										Allocate event(s) t	o group	ms on event 36345	currently allocated to group(s):	
										East Intended Clinic			controlled and and a group (of	
										Set Intended Clinic	an			
										Interfaces		Exams on event 36340	currently allocated to aroun(s):	
													carrend anotance to group(o).	
												Examp on event 36344	currently allocated to arounizit	
												Exams on event 50541	currently anocated to group(s).	
												Examp on quant 25242	currently allocated to arounicity	
												Exams on event 30342	currently allocated to group(s).	
												Funnie an avent 20242	successful allocated to assure to be	
												Exams on event 30343	currently allocated to group(s):	
												Exams on event 36338	currently allocated to group(s):	

<u>Please note:</u> Use of the event level Group allocation will overwrite any individual Exam level resource allocations. Additionally, all of the above functions are only available when the **XR Setting – GENERAL.SingleResourceGroupPerEvent** is set to Yes via TABLES > SYSTEM TABLES > XR Settings.

• [Vetting List] via the Assign to 'Group' field which can be used via single or multi-event selections.

					Filter Profile	No profile se	elected	-	New Edit Save	Delete		Eve	ents: 10	Exams: 10		Vet
Surname	Forenames	DOB	Date	Time	Site	ReqNo	RefLoc	Referrer	Examinations	1	VettingStatus	Practitioner		PatType		Change
SAVAGE-MADY	EMIMA	16-Apr-1976	06-Mar-201		HSS01	Request	GP	G6233642		W			G		- i i	
HUGHES	SARAH	30-Dec-1976	10-Aug-201		HSS01	Request 5	HSS010PD						B			List
BEGUM	EMMA		10-Aug-201		HSS01	Request 5	HSS010PD	C911					B		- i i	
	MICHAEL				HSS01	Request 5	HSS010PD						B			Done
MILLER	JEAN				HSS01	Request 5	HSS010PD								_	
	LOROKAINE				HSS01	Request 5	HSS010PD						B		_	
					HSS01	Request 5	HSS010PD						B			
PARKER	DUINE:	00-Dec-1930			HSSUI	Request 5	HSSOTOPD						-		_	
	MICHAEL				HSSUI	Requesto	HSS010PD						8			
VADER	DARTH	05-Sep-1940	10-Aug-201	[] .	HSS01	Request	HSS010PD	C911	CVCDY	NW			B		_	
														[As: Pra	sign Ictitii Grou
															As: Pra (sign Ictiti Grou

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Once an event is allocated to a Group it is also displayed on the <u>'Resources'</u> tab via the Event Details.

Menu Patient Details Events Event Info Event Details					
Requested: 10-Aug-2017 Earliest Breach Date: 21-Sep-2017					
Referral Source HSB0Y Healthcare Hospital Ref. Location HSS010PD Outpatient Department Referrer C911 DR WHO Speciality 100 GENERAL SURGERY Lead Clinician C911 DR WHO Mobility W Walking Intend Clinician S Blank Radiologist Group CR4DIOL CT RADIOL Pathway		Request Category M Patient Type B On Cat UNRNOWN Copy To Location Copy To Location Copy To Request made by Prepanary Possible Required Clinician I	NHS Patient Out Patient Not Entered Blank Radiologist		
Code Examination 5 CVCOY CT Celonoscopy virtual	Status Ignore Room Time	History Q&A's Status Sessio Reg. Group CRADIOL	Resources Diagnoses Reg. Resource	Alloc, Resource	Exam CVCOY

It is also displayed via the hover help on the examination via the patient <u>'Events'</u> list or any [Worklist].

Vetting L	ist					Filter Profi	le No profile s	elected		New	Edit	Save	Delete	
ospNo	Surname	Forenames	DOB	Date	Time	Site	RegNo	RefLoc	Referrer		0.004.0	Examination	9	
2780	WOOD	SAM	02-Jun-1989	01-Dec-2016		HSS01	Request	HSS010PD HSS010PD	C999	0	CABD	T Hand		
35	LEAH	PRINCESS	Unknown 15-Mar-1996	14-Dec-2016 07-Dec-2016		HSS01 HSS01	Request 5 Request 5	HSS010PD HSS010PD	C936 C911	(7.)	CNE CABI P	ACS Accessio	n No:HSS01000	35421
38	PIG	GEORGE	04-Oct-1971	12-0d-2016		HSS01	Request 5	HSS010PD	C911		MLSLG	roup: CRADIC	1	M
AMF	NDING RES		FTAILS											

It is also possible to AMEND RESOURCE DETAILS at any time as follows:

SINGLE EVENT DETAILS can be modified by loading the event, and changing or removing the details in 'Group' field. This will overwrite the Group for all examinations on the event when you save the changes to the event.

MULTIPLE EVENTS can be modified by multi-selecting all required events using [Ctrl + Click] or [Shift + Click] and using the right-click menu to re-assign to an alternative group. Alternatively using this method, you can also remove the group by leaving the field 'Blank' and clicking [OK].

Sumame Forenames DOB Date Time Site ReqNo Refuec Referer Examination HUGHES SARAH 10 De-1976 (10-Jug-2017 HS010 Request 5 HS010PD C311 CVCVY ALJ MICHAEL 16-00-1976 (10-Jug-2017 HS010 Request 5 HS010PD C311 CVCVY Fixtering						1000	-	1. 10.00			10.000	a ann a tha ann an tha an tar an t
Sumane Forenames DOB Date Time Site Reguest Referer Examination HUGHES SARAH 30-Dec-1975 (0-Aug-2017 HSS01 Request 5 HSS01OPD C311 CMCOW Forenames Examination ALI MILLEN 16-0c4-1987 10-Aug-2017 HSS01 Request 5 HSS01OPD C311 Request 1. Examination MILLEN 16-0c4-1988 10-Aug-2017 HSS01 Request 5 HSS01OPD C311 Request 1. Examination MILSON SHIPSON LORRAINE 14-feb-1971 10-Aug-2017 HSS01 Request 5 HSS01OPD C311 Print Exams Details Add To Diany Exams on event 36334 currently allocated to group(s) MLSON SHIPSON LORRAINE 14-feb-1986 10-Aug-2017 HSS01 Request 5 HSS01OPD C311 Add To Diany Exams on event 36345 currently allocated to group(s) LEE MICHAEL 24-feb-1986 10-Aug-2017 HSS01 Request 5 HSS01OPD C311 Add To Diany Exams on event 36345 currently allocated to group(s) Exams on event 36345 currently allocated to group(s) <t< th=""><th></th><th></th><th></th><th></th><th></th><th>Filter Prof</th><th>le No profile s</th><th>elected</th><th></th><th>New Edit</th><th>Save</th><th></th></t<>						Filter Prof	le No profile s	elected		New Edit	Save	
HUGHES SARAH 30-0e-1976 10-4ug-2017 H6S01 Request 5 HSS010PD C211 CVCOV ALI MICHAEL 16-0d-1986 10-4ug-2017 HSS01 Request 5 HSS010PD C211 MILLER IEAN 06-Jan-1972 10-4ug-2017 HSS01 Request 5 HSS010PD C211 Print Letter Exams on event 36335 currently allocated to group(s) MILLSEN IEAN 06-Jan-1972 10-4ug-2017 HSS01 Request 5 HSS010PD C211 MILLEN IEAN 06-Jan-1972 10-4ug-2017 HSS01 Request 5 HSS010PD C211 MUSON SHIFLEY 26-4pr-1986 10-4ug-2017 HSS01 Request 5 HSS010PD C211 VADER JUNE 06-0e-1936 10-4ug-2017 HSS01 Request 5 HSS010PD C311 VADER JARTH D6-Sep-1946 10-Aug-2017 HSS01 Request 5 HSS010PD C311 VADER JARTH D6-Sep-1946 10-Aug-2017 HSS01 Request 4 HSS010PD C311 Exams on event 36345 10-Aug-2017 HSS0	Sumame	Forenames	DOB	Date	Time	Site	RegNo	RefLoc	Refe	rrer	Examination	New Group
BECOM EMMA 18-400-1977 10-4ug-2017 HSS017 Reguest 5 HSS0170P C911 Vetting > MLLER LEFAV 00-5an-1972 10-4ug-2017 HSS01 Reguest 5 HSS010PD C911 Print Letter Print Letter Print Letter Print Exams On event 36335 currently allocated to group(s) MLSON SHRILEY 26-Apr-1966 10-4ug-2017 HSS01 Reguest 5 HSS010PD C911 Ad To Diary Exams on event 36335 currently allocated to group(s) VADER DARTH 06-Sep-1946 10-4ug-2017 HSS01 Reguest HSS010PD C911 VADER DARTH 06-Sep-1946 10-4ug-2017 HSS01 Reguest HSS010PD C911 VADER DARTH 06-Sep-1946 10-4ug-2017 HSS01 Reguest HSS010PD C911 Mato cate event(s) to group Sectional Ad to Session Ad to Session Exams on event 36345 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36343 currently allocated to group(s)	HUGHES	SARAH	30-Dec-1976	10-Aug-2017		HSS01	Request 5	HSS010PD	C911	COVO	Y	
PLU MICLARE. 16-0241988 (10-4ug-2017 HSS017 Request Label Request Label Print Letter SUMPSON LORRAINE 14-Rep-1971 (10-4ug-2017 HSS017 Request S HSS010PD CS11 VMLSON SHR1EX 26-Dec-1936 (10-4ug-2017 HSS01 Request S HSS010PD CS11 PARKER LUNE 06-Dec-1936 (10-4ug-2017 HSS01 Request S HSS010PD CS11 LEE MICLARE 24-Feb-1946 (10-4ug-2017 HSS01 Request S HSS010PD CS11 VADER DARTH D6-Sep-1946 (10-4ug-2017 HSS01 Request HSS010PD CS11 Add to Session Add to Session Add to Session Add to Session Exams on event 36334 currently allocated to group(s) Set Intended Clinician Interfaces + Exams on event 36340 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on eve	BEGUM	EMMA	18-Nov-1977	10-Aug-2017		HSS01	Request 5	HSS010PD	C911	Vetting	•	
MILLER JEMI Do-Jan 1972 HSS01 Requests HSS010PD CS11 MILLER JUNRE CARANIE 14-Feb-1971 GAUQ2017 HSS01 Requests HSS010PD CS11 PARKER JUNE 06-Dec-1936 10-Aug-2017 HSS01 Requests HSS010PD CS11 PARKER JUNE 06-Dec-1936 10-Aug-2017 HSS01 Requests HSS010PD CS11 VADER DARTH D6-Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 VADER DARTH D6-Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 VADER DARTH D6-Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 Vadie Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 Vadie Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 Vadie Sep-1946 10-Aug-2017 HSS01 Request HSS010PD CS11 Vadid Seg-1946 10-Aug-2017 <td>ALI</td> <td>MICHAEL</td> <td>16-Oct-1968</td> <td>10-Aug-2017</td> <td></td> <td>HSS01</td> <td>Request 5</td> <td>HSS010PD</td> <td>C911</td> <td>Request Label</td> <td></td> <td>- Existing Group(e)</td>	ALI	MICHAEL	16-Oct-1968	10-Aug-2017		HSS01	Request 5	HSS010PD	C911	Request Label		- Existing Group(e)
Sum Solver London Shiftery Dearen 1965 10 Aug-2017 HSS01 Request 5 HSS01OPD C911 PARKER JUNE 06-0ec-1936 10 Aug-2017 HSS01 Request 5 HSS01OPD C911 LEE MICHAEL D4-Fe-1946 10 Aug-2017 HSS01 Request 5 HSS01OPD C911 VADER DARTH 06-Sep-1946 10 Aug-2017 HSS01 Request 5 HSS01OPD C911 Add to Session Allocate event 36345 currently allocated to group(s) Set Intended Clinician Interfaces • Exams on event 36341 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s)	MILLER	JEAN	06-Jan-1972	10-Aug-2017		HSS01	Requests	HSS010PD	C911	Print Letter		Existing Group(s)
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Protect poles <	PADVED	STIRLET	20-Apr-1980	10-Aug-2017	-	LICC01	Requests	Legatopp	0911	Print Exams Details	-	
VADER: DARTH D6-Sep-1946]10-Aup-2017 HSS01 Request HSS01OPD [D911] Event has not been attended > Add to Session Add to Session Add to Session Allocate event(s) to group Set Intended Clinician Interfaces Exams on event 36345 currently allocated to group(s) Exams on event 36341 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s)	LEE	MICHAEL	24-Feb-1948	10-Aug-2017		HSS01	Request 5	HSSOLOPD	0911	Add To Diary		Exame on event 36334 currently allocated to aroun(e):
Add to Session Allocate event(s) to group Set Intended Clinician Interfaces Exams on event 36345 currently allocated to group(s) Exams on event 36340 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s)	VADER	DARTH	06-Sep-1946	10-Aug-2017		HSS01	Request	HSS010PD	C911	Event has not been atten-	ded 🕨	Example in event 50554 currently another to group(a).
Allocate event(s) to group Set Intended Clinician Interfaces Exams on event 36340 currently allocated to group(s) Exams on event 36341 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s)	11/08/08/09								12.2.1.1	Add to Session		
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Interfaces Exams on event 36340 currently allocated to group(s). Exams on event 36341 currently allocated to group(s). Exams on event 36342 currently allocated to group(s). Exams on event 36343 currently allocated to group(s).										Set Intended Clinician		
Exams on event 36341 currently allocated to group(s) Exams on event 36342 currently allocated to group(s) Exams on event 36343 currently allocated to group(s) Exams on event 36338 currently allocated to group(s)										Interfaces	•	Exams on event 36340 currently allocated to group(s):
Exams on event 36342 currently allocated to group(s): Exams on event 36343 currently allocated to group(s): Exams on event 36343 currently allocated to group(s): Exams on event 36338 currently allocated to group(s):												From a second 307.14 seconds all restrict to according
Exams on event 36342 currently allocated to group(s): Exams on event 36343 currently allocated to group(s): Exams on event 36338 currently allocated to group(s):												Exams on event 20341 currently allocated to group(s):
Exams on event 36343 currently allocated to group(s) Exams on event 36338 currently allocated to group(s)												Exams on event 36342 currently allocated to group(s):
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Exams on event 36338 currently allocated to group(s)												Exams on event 36343 currently allocated to group(s):
												Exams on event 36338 currently allocated to group(s):

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A warning message will appear to confirm that you intend to remove the group and upon clicking [Yes] the group will be cleared from all relevant events.



ASSIGNING SPECIFIC / NAMED RESOURCES FOR SCHEDULING PURPOSES

It is also possible to assign a specific (i.e. named) resource for *Appointment Scheduling* purposes via the use of the **'Required Clinician'** field located above the Resources tab on the <u>Event Details</u> screen. If a clinician is entered via this field the associated resource will automatically be inserted for the event, although it will still be possible to assign additionally resources as necessary.

Menu Vetting List Patient Details Events Event Info Event Details						
Requested: 06-Mar-2017 Earliest Breach Date: 17-Apr-2017						Save
						Attend
						Add To Diary
Referral Source C81025 DRONFIELD MEDICAL PRACTICE		Request Category N	IHS Patient			Appointment
Ref. Location GP General Practice		Patient Type G	P Direct Access Patient			Waiting List
Referrer G6233642 SMITH CD (Training)		On Call UNKNOWN				Request
Lead Clinician G6233642 SMITH CD (Training)		Copy To Location				Cancel
Mobility W Walking		Copy To	lot Entered			Process
Intend Clinician S Blank Radiologist		Pregnancy Possible				Documents
Group		Required Clinician HSSSAVAE E	MMA SAVAGE-MADY			Report
Pathway						Add to Session
Code Examination	Status Janoro Room Timo	History (ORA's) Status / Social				Send Email
CVCOY CT Colonoscopy virtual		Req. Group	Req. Resource	Alloc. Resource	Exam	Joing Child
			HSSSAVAE		CVCOY	

<u>Please note:</u> This function is not for use in conjunction with the Vetting Module as '*Practitioner*' should be used in this context, or Reporting which is undertaken via the *Intended Clinician* field. This Group function should however replace the use of fake / pseudo practitioners or Intended Clinicians which may have been in use prior to Group functionality.

Additionally - you must ensure that the Resource has a reciprocal 'Clinician' code entered via the Resources set-up table.





Viewing & Using Resource Groups

Once an event / request has been assigned to a Resource Group it can be accessed via the [Vetting Module], [Appointments Diary] and [Report Info List]. In this way, the resource group remains valid from the point of request through to reporting streamlining the process and thereby reducing the need for dual entry of *Practitioner* for Vetting and *Intended Clinician* for Reporting. The group can also be entered or changed at any point throughout the patient journey as applicable.

Vetting Module View

Vetting Group Worklists can be accessed via the new 'Group' field at the bottom of the [Vetting List]. This will display any events / exams assigned to the selected group for the filter range specified. Additional filtering can also be applied whilst using the group function (i.e. Patient Type, Modality).



Appointment Scheduling via the Diary

The appointments module also enables scheduling based on room and resource availability. Once an event has been allocated a required 'Resource Group' or 'Resource' - the diary will be shaded to highlight whether or not resources are available on a given date and time. If no stakeholders are available via the required resource group it will not be possible to book appointments, without adding availability for a resource ignoring the requirement.

IDENTIFYING AVAILABLE & UNAVAILABLE RESOURCES

If a RESOURCE <u>IS</u> AVAILABLE the slots will be shaded in the usual light green colour to indicate that both the rooms slot and resource can be booked. Alternatively, if a RESOURCE <u>IS NOT</u> AVAILABLE the slot will be shaded in a darker green to indicate the resource(s) required are not available.

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DIARY VIEW



Hovering over a slot will display details of all applicable resources which are comprised of 3 main categories:

AVAILABLE For booking at the required time

UNDEFINED The Resource is subject to the on-line personnel system via CRIS, but no rota / work pattern has been defined for via the Personnel / Resource Module (i.e. Unknown availability)

UNAVAILABLE The resource is scheduled a category that does not include performing exams at the time selected (i.e. Reporting, Teaching etc.)

ALWAYS AVAILABLE The resource has been defined as 'always available' indicating they are not covered by the on-line personnel system via CRIS. When an off-line rota is in place this is usually indicated via the diary comments.

RESOURCE DIARY VIEW

The diary also incorporates the facility to view availability for a resource or group of resources which is broken down into individual resources for the selected exam on a specific date, or for the week ahead.

You can choose to display the 'Resources'

Single day view or

🐃 Week ahead viewer.

Resources within a group can be viewed by selecting the appropriate option via the Group

filter.



SINGLE DAY VIEW

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WEEK AHEAD VIEW



EDITING RESOURCE AVAILABILITY

It is also possible to **EDIT, CLOSE** and **REOPEN** resource commitments via the Single day view by right clicking any slot, and selecting from the resulting menu.



Alternatively, you can choose to display general resource availability by right clicking via the diary 'Scratch Pad' and selecting from the resulting menu. These options are especially useful if you wish to view resource availability as a group in general rather than in conjunction with booking an appointment.





PERSONNEL VIEW

This option launches the Personnel Management view to display the specific detail of the Rota for a date range.

Al Exam HSS01 HSS02 Scratch Pag	HSS03 19 May 20' 00:00 - ARADL at H	14 ISS01		
CART for VADER,DARTH,06	Clear Exam			
	Print Letters Print Letters & Clear Selection Print Labels Scan Document			
	Search Forward		cui	CRIS Personnel Management - Resources View - 19 May 2014
	Select All			Resources ▼ Undo Refresh <<<
	Go To Today Go To Tomorrow			Trust HSS Site Group CRADIOL Resource Reason
Changed Appoint	Resources		Name A Padiologist	19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 1
	Personnel	Show Group CRADIOL	Emma Savage-Mady	
	Show Group			R R R R R
	Clear Group		-	
	Add Resource Clear Added Resources			

SHOW GROUP

Use this function to display a group of resources (i.e. CT Radiologists), or repeat to display multiple groups (i.e. CT Radiogs and CT Radiol)

A	Exam HSS01 HSS02 HSS03 Scratch Pad	08:00	21 May 2014 ARADL at HSS01	 HSSSAVAE at HSS01
	Clear Exam	08:15		
	Print Letters	08:30		
	Print Letters & Clear Selection	08:45		
	Print Labels	09:00	-	
	Scan Document			
	Search Forward	09:15		
	Select All	09:30		
	Go To Today	09:45		
	Go To Tomorrow	10.00		
	Show Group	CRADIO	L: CT RADIOL	
	Clear Group	ANALS	ANALETUETIET	
	Add Resource	ARAES.		
	Muu Nesour Ce	CRADIO	G: CT RADIOGRAPHER	
	Clear Added Resources	FRADIO	5: FLUORO RADIOGRAPHER	

Once completed this option should be used in conjunction with **Clear Group** to restore the default view.

ADD RESOURCE

Use this function to select and display an individual resource, or repeat to display multiple resources. Once completed this option should be used in conjunction with **Clear Added Resources** to restore the default view.

Exam HSS01 HSS02 HSS03	28 May 2014			•	28 May 2014
Scratch Pad	08:00- ARADL at HSSU1	HSSFORRS at HSSU1	HSSSAVAE at HSSU1		13:00 - ARADL at HSS01
	08:15-				13:15-
Clear Exam	00:30				13:30
Print Letters	00.30-				15.50-
Print Letters & Clear Selection	08:45-				13:45-
Print Labels	09:00-				14:00-
Scan Document					
Search Forward	09(15-				14:15-
Select All	09:30-				14:30-
Go To Today	09:45-				14:45-
Go To Tomorrow	10:00				15:00
Show Group 🕨					13.00-
Clear Group	10:15-				15:15-
Add Resource	(No resources used)				15:30-
Clear Added Resources	A Radiologist				15:45
	Healthcare Hospital Radiograph	her			10.40
	Stuart Forrest				16:00-
	Emma Savage-Mady				16:15-

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IGNORING A RESOURCE

If the room and resource are not available on a given date and time and it is not possible to book a required appointment slot. This can be overridden by right clicking

All Exam HS	SS01 HSS02 HSS03	08:30-	21st Augus HCT: ESM	# 2017 = RM1, LW = RM2 HSS01	
CVCOY for BEGU	IM,EMMA,18-Nov-1977	08:45-			
	Clear Exam Cancel	00-	and Res	ources for E-32493 on 01-Jan-2099	
	Email Letter Email Letter & Clear Selection Print Labels	n 30-	CVCOY	Add	
	Scan Document Search Forward	45· 00·	CRADIO	Defaults Delete	
	Select All	15	-		
	Go To Tomorrow Go To Exam Date	30. 45.		Required Group CRADIOL CT RADIOL	
	Resources	00.	-	Required Resource	
	Add Room	30		Allocated Resource	
Char	Clear Added Rooms	45- 12:00-		Save OK Cancel	

Report Info List View

Reporting Group Worklists can be accessed via the new 'Group' fields and filter option via the [Report Info List]. This will display any events / exams assigned to the selected group for the filter range specified. Additional filtering can also be applied whilst using the group function (i.e. Patient Type, Modality).

Menu Report Info Lists													
Rep. by HSSSAVAE Typed by Start date 25-Mar-2014 End date 10-Aug-2017 Patient Type Group NEURO Site Unit Reg. Cat. Modality Filter Profile No profile selected New Save Delete Auto Load Filters (Unvertified Suspend a Unreported Vertified Report CA									Show Clinicians				
Increased Frents 4													
Options										Dictated 🗹 Unprocessed	Show Selected Show Una	located 🔄 Show All 🗹 Group	Stop
HospNo Surname	Forenames	DOB	Date	Time Sit	e RegNo	RefLoc	Referrer		Examinations		RepUrg	IntendedClinician	
	LOIS	20-Dec-195	3 12-Jul-2016	15:12 HSS01	Not Perfor.	HSS010PD	C914	CSKUH		U			
45320HSS H4 3DY	TOM	25-Oct-1977	7 16-Jan-2017	10:24 HSSEB	340	HSS01AED	C911	CSKUH		8			
HSS1002780 W0 OD	SAM	02-Jun-1989	9 27-Apr-2017	12:29 HSS01	428	GP	G6233642	CSKUH		S			
Report Info Lists Rep. by HSSSAVA Group NEURO	E												

Please note: The group list will only display Groups for which the logged in user is defined as a stakeholder via the Resources table.





Personnel Management / Staff Rota's

Before you can begin making appointments based on resource availability it will be necessary to create an appropriate rota for all relevant resources. Managing personnel is primarily undertaken from the CRIS Personnel Management - Resource View screen which is accessed via the 'Show Personnel' icon at the top of the main CRIS screen. This screen will display any person who has been setup on the system as a 'Resource' and is designed to enable you to define a rota for each relevant resource for any given date range as required.

THE PERSONNEL MANAGEMENT – RESOURCE VIEW EXPLAINED

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6

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Stuart Forrest

Emma Savage-Mady

Aobile Ultrasound Machine 1

2

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(5

17) (16) 20 19 18 15 14 13 21 12 Go to. Resources 💌 Undo 12 May 2014 -Refresh <<< << < >> >>> Trust HSS Group Resource Cle 3 13 14 15 16 17 18 19 20 21 22 18 19 Name 22 4 25 26 27 30 31 1 2 10 11 13 14 8 (1 EEEEE EEE EE EEEEE EEE EE A Radiologist E EEE EE Е Healthcare Hospital Radiographe Е Е Е Е Е Е Е Е Е Е Е Е Е Е Е Е RE RE RE RE RE RE RE RI RE RE RE RE RE RE RE ŔΕ RE

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Begin by completing the Trust and or Site filter and click [Refresh] to display all available resources.

	\bigcirc
No.	Description / Purpose
1	Name of individual resource
2	Yellow box identifies the current day
3	Dark grey boxes indicates a weekend
4	White boxes indicates no schedule for the resource (i.e. UNDEFINED)
5	Green boxes indicate that a resource has been marked as available all day
	Please note: This should only be used for equipment not staff as it indicates 24/7 availability.
6	Complete the Trust filter, or press [F4] to choose from a list of options and click [Refresh] to display the
Ű	schedule for all resources in the Trust
7	Complete the Site filter, or press [F4] to choose from a list of options and click [Refresh] to display the
,	schedule for the current site
Q	Use this filter to display a Resource Group (i.e. CT Radiographers, Fluoro Radiographers etc.) by entering the
0	relevant code or pressing [F4] to choose from a list of options
0	Use this filter to display the schedule for an Individual Resource (i.e. CT Radiographers, Fluoro
9	Radiographers etc.) by entering the relevant code or pressing [F4] to choose from a list of options
	Use this filter to display the resource schedule based on Resource Reason (i.e. Annual Leave, Reporting,
10	Available for Examinations etc.) by entering the relevant code or pressing [F4] to choose from a list of
	options
11	This function will clear the screen completely as an alternative to removing filters individually
12	Use the 'Go to' feature to navigate to Today, This Week, This Month, Next Month or the 01/01/1990
12	Template
13	Moves schedule forward to next month
L	



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14	Mo	ves schedule forwa	ard to next week									
15	Mo	Moves schedule forward to next day										
16	Mo	ves schedule back	to previous day									
17	Moves schedule back to previous week											
18	Moves schedule back to previous month											
19	Use	e this function butt	on to Refresh the	screen after enteri	ing or removing ar	ny filter criteria's						
20	Use	e this function butt	on to undo the mo	ost recent change i	made							
	The	The Personnel Management 'View Selection' filter allows you to display schedules according to one of the										
	foll	owing options:										
	RES	SOURCES	Displays an ove	rview of all individ	ual resources (As p	per above diagram)	1					
	DA	Y	Displays all indiv	vidual resource for	a selected date							
		ai		CRIS Personnel Management - Day Vi	ew - 12 May 2014		- • ×					
			Day 💌 Undo R	efresh <<< < < 12 M	ay 2014 > >> S>> Go to.							
			Trust HSS Site	Group Resource	Reason Cle	ar						
		A Radiologist	Healthcare Hospital Radiogra	pher Stuart Forrest	Emma Savage-Mady	Mobile Ultrasound Machine	21 					
		0830										
		0900 0915 0900-1700 Exams	0900-1300 Exams									
		0945 — 1000 — 1015 —										
		1030										
		1100 — 1115 — 1130 —										
		1145 - 1200 - 1215 -										
		1230 — 1245 —			_							
		1315 - 1330 -										
		1345 — 1400 — 1415 —	1400-1600 Reporting and ex	ams			=					
21		1430 — 1445 — 1500 —										
		1515 — 1530 —			_							
		1600 -										
	MO	NTH	Displays a comp	prehensive overvie	w of all resource s	chedules for the						
			entire month, a	Ithough it will be n	necessary to use he	over help to display	1					
			individual resou	Irce details.	I Management - Month View	r - May 2014						
	CAS		Month	lindo Bofrosh		1 > >> >>> Go	to 💌					
			T. (1100									
			Trust HSS	Site Group _	Resource	Reason						
		Mon 28 Apr	Tues 29 Apr	Wed 30 Apr	Thurs 1 May	Fri 2 May	Sat 3 May					
		0800-1200 Exams	0800-1200 Exams	0900-1700 Reporting and exams	0800-1200 Exams	0900-1700 Reporting and exams						
	W18	3 0900-1700 Reporting and exams 0900-1500 Exams	0900-1700 Reporting and exams 0900-1500 Exams	; 0900-1500 Exams	0900-1700 Reporting and exams 0900-1500 Exams	s 0900-1500 Exams						
		1300-1800 Reporting and exams	1300-1800 Reporting and exams	3	1300-1800 Reporting and exam	5	10 Marca					
		5 May	jo may	_ г мау	8 May	9 May	10 May					
	W19	¢										
		43 May	42 Mari	44 May	45 Minu	16 Mars	47.84					
		0800-1700 Exams	0830-1230 Exams	0900-1700 Exams	0800-1700 Exams	0900-1700 Exams	i i iviay					
	W20) 0900-1700 Exams	0900-1700 Exams	0900-1300 Exams	0900-1700 Exams	0900-1300 Exams						
		1400-1600 Reporting and exams	1300-1000 Keporung	1+00-1000 Reporting and exams	•	1400-1000 Reporting and exams						







ADDITIONAL FUNCTIONALITY:

When using the **DAY VIEW** – it is possible to extend or reduce commitments by dragging them bigger or smaller, negating the need to manually edit the entry.

When using the **MONTH VIEW** – it is possible to drag and drop commitments to an alternative slot, or to click and drag a commitment to an alternative slot which will copy it to the destination.

DEFINING RESOURCE AVAILABILITY (I.E. ROTA / DAY TO DAY COMMITMENTS)

To define resource availability right click on a given date via the row for the relevant resource / individual and date and choose [New] from the resulting menu - the following screen will appear.

crist	New Availability for HSSSAVAE
Reason	
Site	
Time	⊖ All Day
	● From 0800 7 To 1000 7
Groups	
Description	
	Repeat Delete Protected Save Cancel

Option	Description
Reason	Enter an availability code for the individual resource, or press [F4] to choose from a list of
	available options
	<u>Please note</u> : Each reason type can be configured at set-up to determine if a resource is available (present) in general as well as for scheduling / performing exams.
Site	Enter the hospital relevant to the resource. If the resource works at multiple hospitals, this
	should be left blank
Time	Select either 'All Day' (i.e. For the duration of the diary via appointments) or enter the time From
	and To the resource is available or unavailable.
Group	Clicking the [Groups] function button will allow you to specify which groups the resource is
	available for on a given date. This is based on a list of relevant groups they are already assigned
	to via the Resource configuration table. Alternatively, ignoring this function will make the
	resource available to 'All' assigned groups.
Description	This can be used for further information, any special notes etc.
Repeat delete	Allows users to protect a schedule entry, such as annual leave in the event that someone ticks
protected	overwrite when copying forward in future.

Click [Save] once the above details have been entered.





EDITING, COPYING OR REPEATING RESOURCE AVAILABILITY

Having created a commitment for a least one resource it is possible to amend, copy or repeat the same event for a period of time. To do this right-click the relevant commitment and select the appropriate options as follows:

Healthcare Hospital Radiographer	E			E		Е	
	R	F	F	RE		RF	
Stuart Forrest		Cu	ut				
Emma Savage-Mady	E	Copy Paste Paste Repeat					
Mobile Ultrasound Machine 1		New					-
		Edit					
		Re	epea	nt			
		Find Usages					
History							
		De	elete)			

Cut	When used in conjunction with 'paste', it is possible to cut and paste a commitment to an						
	alternative date or resource						
	Please note: It is also possible to highlight multiple commitments for one or more resources, over one or more dates using Shift or Ctrl						
Conv	+ Click to multi select before cutting.						
copy	repeat' to repeat the copied event over a specified period of time.						
	Please note: It is also possible to highlight multiple commitments for one or more resources, over one or more dates using Shift or Ctrl						
	+ Click to multi select before copying.						
Paste	Use to Paste one or more commitments to a one-off destination date						
Paste Repeat	Used in conjunction with 'copy' to repeat the copied event over a specified period of time (i.e.						
	Repeat every Day, Weekday, Week, Two Weeks, Three Weeks, Month, Two Months and Year).						
	Repeat Reporting and exam						
	Repeat Every Day						
	Include Bank Holidays						
	Overwrite Existing						
	OK Cancel						
	You should select a 'Repeat Every' option, and specify the number of 'Repeat Times' – i.e. 1 day, 1						
	week, 2 months etc. and choose whether or not to include bank holidays or not. Overwrite						
	existing will replace any existing commitments (i.e. delete the original) which is useful when						
	editing / amending an existing schedule but should be used with care and only after assessing						
	existing commitments prior to proceeding.						
	Please note: If a commitment has been marked as 'Repeat delete protected' when it was entered or protected via the set-up tables						
	(i.e. Annual Leave) it will not be changed even when using Overwrite existing and will need to be amended manually.						





New	Use to create a new resource availability / commitment (as per above instructions)						
Edit	Use this function edit an existing resource availability / commitment						
Repeat	This function can be used to repeat single or multiple resource commitments, for one or more						
	dates. To do this select either the individual resource commitment, or multiple resource						
	commitments for one or more dates using Shift or Ctrl + Click and choose 'Repeat' from the right-						
	click menu.						
	Repeat Every Day 👻						
	Repeat Times 1						
	🗌 Include Bank Holidays						
	Overwrite Existing						
	OK Cancel						
	In the same way, as 'Paste Repeat' you should select a 'Repeat Every' option, and specify the						
	number of 'Repeat Times' – i.e. 1 day, 1 week, 2 months etc. and choose whether to include bank						
	holidays or not. Overwrite existing will replace any existing commitments (i.e. delete the original)						
	which is useful when editing / amending an existing schedule but should be used with care and						
	only after assessing existing commitments prior to proceeding.						
	(i.e. Annual Leave) it will not be changed even when using Overwrite existing and will need to be amended manually.						
Find Usages	This function allows you to select an availability / commitment and establish if the resource is						
	assigned to any existing events / examinations for a given date. This is particularly useful in						
	assessing changes to schedules and requests for annual leave						
History	This function provides an audit trail of the creation and amendments to any existing availability /						
	commitments. The top panel shows: I (for insertion of a new item) or U (for an update), the date						
	and time of the update and the login ID of the user (not the user ID). The bottom panel shows the						
	same information as is displayed via hover help.						
Delete	Use this option to remove existing availabilities / commitments one by one or in a block using						
	Shift or Ctrl + Click before selecting 'Delete' from the right-click menu. A warning message to						
	confirm deletion will appear prior to deletion.						

USING PERSONNEL MANAGEMENT TEMPLATES

It is possible to set-up a Personnel Management template for one, some or all resources for any availability / commitments which occur on a regular basis. In this way having created a standard template by choosing **'GO TO...' > TEMPLATE** for an appropriate Trust or Site you can then multi select a range of days, or week for one of more resources using Shift or Ctrl + Click and copy and paste or paste repeat the template to any dates in the future.

<u>Please note</u>: The Personnel Management Template intentionally defaults to 01/01/1990, but once you have copied the selected range you can navigate to any future date and paste or paste repeat as necessary.

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Resource Management System Access

In order to make use of the Resource Management Module it will first be necessary to configure the relevant system management tables, and to continue to maintain some of these tables on an ongoing basis as additional resources become available or unavailable accordingly.

RESOURCE MANAGEMENT - SYSTEM > LICENCES

Following receipt of your purchase order, a Resource Management License will be created by HSS to activate the Resource Management Module. This Resource Management License is saved in the License table, do NOT delete this from the License table as the Resource Management Module will be deactivated.

XR SETTINGS

The following XR setting are designed for use with the Resource Management Module. These settings can be applied at XRTR (Trust), XRS (Site) or XRT (Terminal) Level as applicable via **TABLES > SYSTEM TABLES > XR SETTINGS.**

Filter resource Setting Show All		
Setting	Description	
EVENTLIST.Resources	Available column codes for Resources List	
GENERAL.ResourceManagementModuleAvailable	Is the resource management module available?	Yes
GENERAL.SingleResourceGroupPerEvent	Only allow a single resource group to be set per event	Yes
RESOURCING.EndTime	End time in Personnel Day View and Diary Resource Day View (hhmm)	2100
RESOURCING.ResourceOnAttend	Resource events on attendance	Y
RESOURCING.SlotLength	Slot length in Diary Resource Day View (minutes)	5
RESOURCING.StartTime	Start time in Personnel Day View and Diary Resource Day View (hhmm)	0800

Setting	Purpose		
Eventlist.Resources	Press [F4] to define the default columns which should appear		
	via the [Resource List].		
$General. Resource {\sf Management} Module {\sf Available}$	Select Yes to enable the Module.		
General.SingleResourceGroupPerEvent	Select Yes to enable Group allocation via Event Details, Post		
	Processing and right-click menu options via [Worklists].		
Resourcing.EndTime	Allows a default time range to be set within the Diary		
	Resource view. Entered in a 24-hour format (i.e. 2030)		
Resourcing.ResourceOnAttend	This setting allows you to validate if the resource is still		
	available upon attendance and display an appropriate		
	message to the user. Selecting Y allows the user to ignore (i.e.		
	override) the resource requirement if applicable.		
Resourcing.SlotLength	Allows you to specify the length of slot (in mins) which will be		
	displayed via the diary view		
Resourcing.StartTime	Allows a default start time to be displayed via the diary viewer		
	(i.e. 0830)		





PERSONNEL MODULE SECURITY SETTINGS

The following security settings are required to access the Resource Management Module. HSS recommend that the Trust create a new **ACTIVITY** Group called **MODRES = Resource Management Module**. You should then assign **MODRES** Activities to all relevant ROLES. This can be undertaken via **TABLES > PEOPLE > SECURITY SETTINGS**.

In this way during a pilot phase of the Resource Management Module each individual user can just have the **MODRES** Activity assigned to their existing Userids via Staff Tables and [Edit Group]. Then when the Trust / Site are ready to go live with the Resource Management Module you can assign the Activity MODRES to all relevant ROLES to activate this for all appropriate users.

The use of Activities rather than simply adding security settings to each role makes it much easier update the Resource Management Module with any new security settings which are associated with future module developments.

Section	Item	Description
GENERAL	CREATE_AV	Allows the user to create resource availability items
GENERAL	CHANGE_AV	Allows the user to change resource availability items
GENERAL	DELETE_AV	Allows the user to delete resource availability items
GENERAL	CREATE_USE	Allows the user to add a resource requirement via an event. Default resource
		use items will be added regardless of this setting
GENERAL	CHANGE_USE	Allows the user to change resource requirements via an event. Updating the
		date and time of a resource (i.e. booking it) will occur regardless of this
		setting, and setting the ignore flag does not require this permission.
GENERAL	DELETE_USE	Allows the user to delete resource requirements via the event
VIEWS	RESOURCES	Allows access to the overall Resource and Personnel Management module,
		and resource management set-up tables.







Resource Management Module Table Configuration

NORMAL TABLE SETUP - CRISRAVT

The **CRISRAVT** is a 'Normal Table' which is used to define all type of availability / commitment, which can be anything from available for reporting, to performing exams or annual leave. This table will typically need to be configured when introducing the Resource Management module but will not regularly require any updates unless a new category is required at a later date.

Code	Name	New				
A	Annual Leave					
E	Exams					
0	Other availability					
R	Reporting	Delete				
RE	Reporting and exams					
		Undo Delete				
	Table Entry					
	Code A					
	Text Annual Leave					
	Drosout N					
	Present IN					
	Exams N					
	Protect Y					
	Site					
	-Table Settings					
	Tunto Societado					
	Description RESOURCE AVAILABILITY TYPES					
	Preserve Local Values					
	Edit Labels					

It should however be noted that this is a system wide table (i.e. Consortium level) so any entries must be agreed with all relevant RIS Administrators. Any amendments to this table should be marked **'Preserve Local Values'** to ensure that they are maintained in any subsequent system updates.

To set-up all required scheduling category codes go to TABLES > SYSTEM TABLES > NORMAL TABLES then navigate to, and select the CRISRAVT table.

1. Click [New] and enter the following details:

Field	Description
Code	Use this field to define the required category codes (i.e. A = Annual Leave, E = Exams, RE =
	Reporting and Exams etc.)
	Please note: This table has a maximum of 8 characters which you should not exceed under any circumstances,
	as this will have result in the Personnel Module failing to function.
Text	Enter a description of the category name which will appear in the [F4] prompt when in the
	main resource scheduling module
	Please note: This field has a maximum of 128 characters which you should not exceed.
Present	Enter Y(es) or N(o) to identify if the resource is available within the hospital when assigned
	this category (i.e. Annual Leave should be marked as N)
Exams	Enter Y(es) or N(o) to identify if the resource is available to perform examinations when
	assigned this category (i.e. Reporting may be marked as N, but Examinations and Reporting
	as Y)





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Protect	Enter Y(es) will automatically select the 'Repeat Delete Protected' flag via the main
	resource scheduling module in order to prevent this category being overwritten by any
	scheduling amendments. (i.e. No one would be able to copy an alternative scheduling
	category over the top of existing annual leave)
Site	Enter Y(es) to force a user to enter a site when allocating this category, N(o) to prohibit the
	entry of a site, and leave Blank to allow the user the choice to enter a site of not. This is
	useful as Annual leave may be marked as N since the resource will be absent from all sites
	(i.e. the Trust), but Examinations should be marked as Y as you can only perform
	examinations at one site at any given time.
	<u>Please note:</u> This means that Personnel Categories are System Wide, however given the number of characters
	allowed it would be possible to prefix all codes with a hospital code, so long as the personnel code does not
	exceed 8 characters.
Preserve Local	You should ensure that you tick this box once you have created any bespoke codes in order
Values	to ensure that this table is not overwritten in any future system updates.

2. Click [Save] to complete the creation of the new category.

You can subsequently edit any part of the category <u>except</u> the code should the need arise in future. HSS do not however recommend the use of [Delete] unless you are removing a code that you have only just added and reconsider, not a code which could conceivably have become available and become in use within the system.

CREATING A RESOURCE GROUP

Resource Groups are groups of available staff / resources (i.e. CT Radiographers – a group that consists of all Radiographers who can perform CT examinations). Resources can belong to multiple groups at any time. When allocating a resource group to an examination, you can then either manually allocate the individual resource or allow CRIS to assign this automatically based on staff availability.

When defining resource groups, you should consider all types of groups required to undertake a procedure (i.e. CT Radiographer, Radiographic Assistant) as each group can then be separately allocated at the time of vetting, booking or attending the event.

To create a Resource Group for use via the Personnel Management System, go to **TABLES > PEOPLE TABLES > RESOURCE GROUPS**

1. Click the [New] button to create a Resource Group and enter the following details:

Code	CRADIOG	Trust	HSS
Name	CT RADIOGRAPHERS	Site	
Description	CTPROCEDURES	End Date	

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Field	Description
Code	Enter the unique code for the group being created
Trust	Enter the Trust code which the group belongs
Name	Use this field to identify the group being setup (i.e. Radiologists, Radiographers, or Nurses
	etc.) which will appear in the [F4] prompt
Site	Enter a site code if the group is site specific or leave blank if this group is applicable across
	multiple sites
Description	Enter a description of the purpose of the group if applicable (i.e. CT Procedures vs. CT
	Reporting)
End date	If the resource group is no longer in use, type an end date.

2. Click [Save] to complete the creation of the new group.

You can subsequently edit any part of the category <u>except</u> the code should the need arise in future. HSS do not however recommend the use of [Delete] unless you are removing a code that you have only just added and reconsider, not a code which could conceivably have become available and become in use within the system. HSS would instead recommend the use of the end date.

CREATING A RESOURCE

Resources represent clinical personnel who are specifically required to perform examinations (i.e. Radiologist or Sonographer) or any other kind of requirement (i.e. Radiographic assistant, or equipment such as mobile imaging) for an examination. A resource may belong to several groups and can be allocated individually or automatically by CRIS according to availability.

To create a Resource for use via the Personnel Management System, go to TABLES > PEOPLE TABLES > RESOURCE

1. Click the [New] button to create a Resource and enter the following details:

Code	DCTRAIN	Trust	HSS	Groups		23
				Group	Name	Member
Name	David Costin	Site	HSS01	ANAETH	ANAESTHETIST	
		0.110		CRADIOG	CT RADIOGRAPHERS	2
Depertution	Conservation of OT Dediamon have	Olivialan	DOTRAIN	FRADIOG	FLUORO RADIOGRAPHERS	
Description	General and CT Radiographer	Clinician	DUTRAIN	MRADIOG	MRI RADIOGRAPHERS	
				NURSE	NURSES	
Groups	S. CRADIOG, RADIOG, RADIOL	End Date		OSONOG	OBSTETRIC US SONOGRAPHERS	
			·	RADHELP	RADIOGRAHIC ASSISTANT	
				RADIOG	RADIOGRAPHERS	2
	Always Available			RADIOL	RADIOLOGISTS	2
				SONOG	SONOGRAPHERS	
					OK Cancel	







Field	Description
Code	Enter a code to identify the resource. HSS would recommend using the existing CRIS Login ID,
	or you should ensure that you use the Clinician ID if this is different to Login ID if you wish to
	use Reporting Groups. Reporting Groups will not function if the Resource Code and Clinician
	code are different.
Name	Enter the full name of the human resource being created, or alternative a description of the
	type of resource (i.e. Mobile Imager 1)
Description	Enter the description of the resource (i.e. General and CT Radiographer or Mobile Imaging)
	Used to identify what type of resource the person is i.e. Radiologist, Radiographer Nurse etc.
[Groups]	Click the [Groups] function button to assign the resource to all relevant groups via the
	'Groups' selection dialogue box
Trust	Enter the Trust the resource is associated with
Site	Enter the Site the resource is primarily associated, or leave blank if they would equally at
	more one site.
Clinicians	If the human resource being setup on the system already has an existing 'Clinician' code,
	ensure that this is entered in order to facilitate the auto assignment of the resource when the
	'Required Clinician' field is completed via the Event Details or Vetting screens.
End Date	If the resource is no longer in use, type an end date.
Always Available	This function is designed to indicate that the individual resource is exempt from Appointment
	Scheduling – i.e. When the resource module is being used to assign groups for Vetting and
	Reporting purposes but not scheduling via the CRIS Appointments module. This is also useful
	for equipment.
	Selecting this option negates the need to create /maintain daily resource schedule for items
	which are either always available or exempt from scheduling. This can be helpful for human
	resources who are typically available for any required examinations when on shift and do not
	have any specific additional commitments or restrictions as it still possible to create periods
	of unavailability (i.e. Annual Leave, Teaching or Equipment service).

2. Click [Save] to complete the creation of the new resource.

You can subsequently edit any part of the category <u>except</u> the code should the need arise in future. HSS do not however recommend the use of [Delete] unless you are removing a code that you have only just added and reconsider, not a code which could conceivably have become available and become in use within the system. HSS would instead recommend the use of the end date.

CONFIGURING EXAMINATIONS THAT REQUIRE RESOURCES

The Exams per Hospital now includes Resource Group fields for use in conjunction with the Resource Management module. Consequently, to facilitate assigning resources to examinations it will be necessary to specify which resource groups are required to perform the examination for all relevant sites via this table.

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MAKING USE OF THE RESOURCE GROUPS AUTO FILL UTILITY

The simplest method of configuring this is to utilise the 'Resource Groups' function by entering the relevant hospital code via the 'Site' field at the top of the Exams Per Hospital screen and clicking the 'Resource Groups' tab before ticking each appropriate modality.

Enter the appropriate 'Groups' (1 - 6 as applicable) for each modality by typing directly or pressing [F4] to select from a list of options.

Edit Fields	Auto Fill	R	esource	Groups					
		Fill	Modality	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
	1	P,	A	FRADIOG	RADHELP				
	1	۲	В	RADIOG					
	1	P,	C	CRADIOG	RADHELP				
	1	۲	D						
	1	P,	F	FRADIOG	RADHELP				
	1	r	М	MRADIOG	RADIOL				
	1	P.	Ν	RADIOG					
	1	×	0	OSONOG					
	1		Ρ						
	1	×	R	RADIOG					
	1		Т						
		۲	U	SONOG					
	1		Y						
	1		Ζ						
						Update			

Having done this simply click the [Update] function button to auto fill the Exams per Hospital examination table for the site you have selected. This will need to be repeated for all relevant sites as required.

CONFIGURING RESOURCE GROUPS AT EXAMINATION LEVEL

It is also possible to configure the required resources at an individual examination level, via the standard 'Edit Fields' table. This may be more suitable when undertaking an initial pilot of the module, or if only a handful of examinations have a specific resource requirement. You can also use this functionality to amend individual examinations which have differing resource group to the majority of examination following use of the Auto fill utility.

Edit Fields Auto Fill Resour	ce Groups		
Fuerra	EDAEN AGent Mar		Ov Boom 5
Exam	F BAEN VISIC Mai	gin [
Group	Root	n 1 HS1	Ov Room 6
Max Wait	120 Root	n 2 HS2	Scan Reason
Letter	FBASM Room	n 3	ARSAC Limit
LMP Text	Roo	n 4	Resource Group 1 F
Days Of Week	12345 Roo	n 5	Resource Group 2
OV Days Of Week	Roo	n 6	Resource Group 3
Procedure Time	25 Ov Roo	n 1	Resource Group 4
Preparation Time	0 Ov Roo	n 2	Resource Group 5
Number of Visits	0 Ov Roo	n 3	Resource Group 6
Visit Frequency	Ov Roo	n 4	Requires Vetting





- 1. Locate the examination you require, either by selecting it from the overall list or by clicking on the first field 'Exam' and typing the relevant code.
- 2. Having done this click the 'Resource Group 1' field and amend or enter the required resource group by typing directly or pressing [F4] to display a list of options.
- 3. Repeat for an additional Resource Groups before clicking [Save].

<u>Please note:</u> Each resource entered will be validated as available when scheduling appointments, and it is therefore essential all resources have specified availability or it will not be possible to book and appointment via the diary.

HSS would therefore recommend concentrating on essential resources whose availability is limited or presence is absolutely required for the examination to be performed. Other resources can continue to be inferred (i.e. a Radiographer is needed but doesn't need to be named) rather than formally specified, unless you plan to create and maintain personnel schedules for every single member of staff / resource specified.







Document Control

Title		Resource G	Groups & Personnel Management Module						
Author		HSS Trainir	ng Manager	Date Created	01/09/2009				
File Ref.		CRIS_CRIB	3_IM_350_Resource Management Module_V3.0						
CRIS Ver	sion	2.09.10t1							
Change H	listory								
Issue	Date		Author / Editor	Details of Change					
V1.0	01/0	9/2009	David Costin	First Issue					
V1.1	17/06/2010		Emma Savage-Mady	Amendments and restructuring due to softwa modifications and clarification of general functions.					
V1.2	12/10/2010		Emma Savage-Mady	Minor Amendment to System Tables configuration t reference Resource Management Licensing.					
V1.3	04/0	7/2011	David Costin	Amendments to version	number for 2.09.10e				
V1.4	31/1	0/2011	David Costin	Amendments to version	number for 2.0910i				
V2.0	20/0	6/2014	Emma Savage-Mady	First Issue for 2.09.10p					
V3.0	10/0	8/2017	Emma Savage-Mady	Complete overhaul to conjunction with single reference to adding [Resource] option as th resourcing.	document new Resource Groups in resource group per event. Removed Resource Group Manually using is is no longer supported with event				
Review D	v Date 10/08/2019								

